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Baltimore. Mayor.

THE MAYOR'S MESSAGE

— AND —

REPORTS OF THE CITY OFFICERS

— MADE TO THE —

CITY COUNCIL OF BALTIMORE

FOR THE YEAR 1892.

PART I.

BALTIMORE:
JOHN COX, "CITY PRINTER,"
Cor. Pratt St. and Spear's Wharf.

1893.

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MAYOR'S MESSAGE.

MAYOR'S OFFICE—CITY HALL.

BALTIMORE, January 1st, 1893.

To the Honorable the Members
of the City Council of Baltimore.

GENTLEMEN:

I have the honor of submitting for your consideration the following message:

THE FINANCIAL CONDITION OF THE CORPORATION DECEMBER 31ST, 1892.

Amount of funded debt December 31st, 1892...		$33,671,297 48
Guaranteed debt, viz:		
Endorsement of Western Maryland R. R. third mortgage bonds.....	$875,000 00	
Endorsement of Union R. R. first mortgage bonds	117,000 00	
		992,000 00
		$34,663,297 48

Amount brought forward		$34,663,297 48
Of this amount interest is provided or paid on as follows:		
Water Board upon	$10,500,000 00	
Park Board upon	200,000 00	
Union Railroad	117,000 00	
Commissioners of Finance on Western Maryland R. R. loan and bonds	1,875,000 00	
Western Maryland R. R. on 3½ per cent. 1927 bonds, and 4 per cent. 1925 bonds	2,388,000 00	
Overdue stock, no interest allowed	26,151 76	
		15,106,151 76
Leaving the amount upon which interest is paid by taxation		$19,557,145 72
The City owns the following productive investments:		
Mortgage on Union Railroad	$117,000 00	
Mortgages on Western Maryland R. R.	2,388,000 00	
Value of sinking funds	7,941,007 48	
Am'ts carried forward	$10,446,007 48	$19,557,145 72

Am'ts brought forward..		$10,446,007 48	$19,557,145 72
550 shares Baltimore and Reisterstown Turnpike stock		2,062 50	
137 shares Baltimore and Frederick Turnpike stock		456 66	
625 shares Baltimore and Yorktown Turnpike stock		5,000 00	
Real estate annual rentals.	$10,225 11		
Wharf property rentals..	38,000 00		
Market houses rentals	50,000 00		
	$98,225 11		
Capitalized at 6 per cent.		1,637,085 16	
			12,090,611 80
Balance of debt over available income producing securities.....			$7,466,533 92

Unproductive Investments.

Western Maryland R. R. mortgages to secure endorsements of bonds and loan of City stock.	$1,875,000 00

Am't brought forward..	$1,875,000 00	
Western Maryland R. R. accrued interest advanced.....	2,924,850 00	
Philadelphia and Reading 3d preferred income bonds	83,000 00	
4,000 shares Western Maryland R. R. stock.	200,000 00	
Valley Railroad of Virginia	1,000,000 00	
		$6,082,850 00

COMPARISON OF DEBT DECEMBER 31ST, 1892, WITH DEBT DECEMBER 31ST, 1891.

Amount of funded and guaranteed debt December 31st, 1892.....	$34,663,297 48
Debt December 31st, 1891.....	32,776,050 95
Increase of debt during 1892.....	$1,887,246 53

The increase in the funded and guaranteed debt during the year 1892 is thus accounted for:

Amount of Jones' falls 3.65 per cent. 1900 loan issued in 1892.....	$28,000 00	
Amount of Internal Improvement 3½ per cent. 1928 loan issued in 1892.....	1,880,700 00	
		$1,908,700 00

Amount brought forward.....		$1,908,700 00
Less Consolidated 6 per cent.		
1890 loan redeemed	$13,682 27	
Less Park loan 1890 redeemed.	500 00	
Less Five Million 1890 loan redeemed.....	7,271 20	
		21,453 47
		$1,887,246 53

Although the actual funded and guaranteed debt of the City is $34,663,297.48, the taxpayers are only called upon to provide interest on $19,557,145.72, of which $7,941,007.48 being in the sinking funds, the City pays interest thereon to itself.

In 1891 the amount of debt on which interest had to be met from the tax levy was $20,036,445.72, in 1892 it was $19,557,145.72. This is an apparent anomaly, as the debt has increased as above shown $1,887,246.53, but it is thus explained: From July, 1889, to July, 1892, the Western Maryland Railroad failed to pay interest on $1,704,000.00 W. M. R. R. 3½ per cent. loan, and $684,000.00 W. M. R. R. 4 per cent. loan, and the City was compelled to pay it; whereas, on July 1st, 1892, the Western Maryland Railroad resumed payment on these loans.

The report of the Commissioners of Finance gives an itemized statement of the indebtedness of the Western Maryland Railroad Company to the City.

SINKING FUNDS.

The following table gives the value of the sinking funds held by the Commissioners of Finance for redemption of the debt. This fund is invested in ground rents held by the City, a ground rent, the lease of which is held by the Western Maryland Railroad Company, and City stock. The interest on these securities is annually paid to the Commissioners of Finance, and by them invested for the benefit of the sinking fund. Another source of increase of the sinking funds is the provision of an ordinance passed in 1881, providing that all premiums realized on the sale of City stocks shall go to the sinking funds. The increment of the fund from this source during the year 1892 was $9,070.92.

Value of sinking funds December 31st, 1892	$7,941,007 48
Value of sinking funds December 31st, 1891	7,476,126 31
Increase of sinking funds during 1892..	$464,881 17

In 1891 the increase of the sinking fund was $172,503.23, thus showing a gratifying increase of that fund during the year 1892. A detailed statement is given in the report of the Commissioners of Finance of the condition of each separate sinking fund. The Enoch Pratt fund in charge of the Commission has now reached the sum of $1,174,515.31 ; it will thus be seen that the check for $833,333.33 given by Mr. Pratt to

the City, and invested in City stock, now produces the $50,000 per annum required to support the Library and its branches, thus relieving the annual tax levy hereafter to that extent. In addition to this large sum of money Mr. Pratt also donated the Library building and lot.

CITY STOCK DUE IN 1893.

During the year 1893 the following City stock becomes due and payable:

The exempt loan bearing interest at rate of 6 per cent., payable at pleasure after September 1st, 1893	$410,353 87
The consolidated 6 per cent. loan is due September 1st, 1893	2,211,068 05
Total	$2,621,421 92

These loans the Commissioners of Finance are now ready to anticipate the payment of, and any holder can receive the face of his or her certificate, with interest to date of payment, on its presentation at the office of the City Register. It will be seen that the condition of the sinking fund justifies this action on the part of the Commissioners.

FLOATING DEBT.

The following table gives the liabilities of the City at the close of the year 1892:

Existing Claims.

Balance due on Harford Run improvement account		$19,537 76
Balance due on Park Board account		4,061 89
Balance due on internal improvement 1928 loan		774,163 21
		$797,762 86
Cash balance in banks December 31st, 1892	$263,040 48	
Due from liquor licenses	6,156 73	
Due from Baltimore Belt R. R. Co.	7,000 00	
Due from Water Board	48,075 22	
		324,272 43
Floating indebtedness Dec. 31st, 1892		$473,490 43

Of this floating indebtedness, $370,715.70 is accounted for by the fact that we began 1892 with a floating debt of $82,935.97, and the estimates made of collections of taxes during the year exceeded the actual amount collected by $287,779.73; the latter are good assets, and will be paid during January, 1893, but the failure of the taxpayers owing them to pay before December 31st, 1892, causes an addition of so much to the floating debt in the statement at the end of year. The balance is due to the pernicious system of appropriating money after the tax levy for the year is fixed. I respectfully suggest to your Honorable Body that the only safe method of preventing a float-

ing indebtedness, is for the City Council to adjourn immediately after making the levy.

Another cause of the floating indebtedness is the failure to realize a reasonable sum from the sale of the Bolton lot, it having been expected that before the close of the year a settlement would have been arrived at in this connection, under the ordinance providing for its sale to the Belt Railroad Company. In my judgment it would be well now to repeal that ordinance, and either retain this property for future municipal uses or sell at a fair price to the railroad such portion as it may require, and dispose of the balance to other parties who will willingly pay to the City good prices for such available building lots, especially as real estate is rapidly advancing in value in that part of the City.

It will be necessary for the Council to exercise the utmost prudence in making appropriations if it desires to keep the tax levy within the present limits. One of the difficulties encountered in this connection by every administration is the demand for expenditures for improvements, and at the same time an equally strong demand for a low tax rate.

RECEIPTS AND EXPENDITURES.

The report of the City Register shows the receipts from collection of taxes and other sources applicable to the support of the Municipal Government of 1892, and also a full statement of all disbursements.

RECEIPTS—ACTUAL INCOME.

From City Collector, levy of 1892	$3,189,934 99	
From City Collector, levies of previous years	1,212,220 27	
		$4,402,155 26
From City Collector, levy of 1892, in 21st and 22d Wards	$121,760 62	
From City Collector, levies of previous years in 21st and 22d Wards	47,169 73	
		168,930 35
Fines, Jail, removed cases, &c		12,234 60
Bay View, Mount Hope and Maryland Hospital		5,089 79
Health Department, streets, Quarantine, Fire Department, &c		9,420 72
Inspector of Buildings		8,985 55
City Commissioner's Department		8,123 94
Public schools, tuition fees and J. F. Plummer legacy		3,647 00
General Superintendent of Lamps		2,492 27
Market houses and halls		54,933 70
Amount carried forward		$4,676,013 18

Am't brought forward..		$4,676,013 18
Wharfage and rents of wharves.....		29,403 36
Banks, interest on deposits		15,859 10
General licenses		48,432 75
Liquor licenses		380,315 14
Auction duties.....		8,669 67
Sale of old material.....		704 33
Chesapeake and Potomac Telephone Company....		6,953 70
Turnpike dividends.....		271 15
Sale of City property.....		11,353 00
Conscience fund.....		6,766 56
Aggregate from sundry small items.....		1,157 10
		$5,185,899 04

The receipts for the year 1891 were as follows:

Levy of 1891	$3,125,767 79	
Levies of previous years..	1,443,147 13	
In 21st and 22d Wards...	149,499 35	
Sundry sources.....	630,622 74	
		$5,349,036 01

This shows a falling off in receipts for 1892 of $163,136.97. This is due to the collection in 1892 of taxes in arrears, being less by $230,926.87 than in 1891.

In addition to the above receipts the following amounts were received in the City Treasury, most of which were applicable for special purposes:

From State of Maryland for public schools	$184,697 62
Sale of Jones' falls improvement stock....	28,000 00
City Passenger Railways, from Park tax.	193,327 55
Park Board, sale of live stock, &c.....	5,907 00
Western Maryland Railroad to pay interest on Western Maryland Railroad loans.....	82,740 00
Tax sales.....	5,618 42
Water Board.....	718,790 95
State tax on City loans collected for State.	6,531 50
Intestate estates	1,937 72
City Collector for opening streets and alleys	131,990 11
Sales of old material, opening streets, alleys, &c.....	84,492 61
Sales of internal improvement loan.....	1,889,770 92

The following table from the Register's report shows the actual expenses of the City Government for 1892. In order that a comparison may be made with the expenses of 1891, I have placed the expenses of each item in 1891 opposite those of the current year:

Table Showing Disbursements for Actual Expenses of the City Government for the Years 1891 *and* 1892.

	1891	1892
Interest on stock debt	$830,038 72	$819,301 22
Expenses of law courts	123,700 59	112,349 48
Registration of voters	27,065 23	39,474 76
City Jail	55,300 15	53,363 72
Magistrates' salaries, fines, judgments, suits and removed cases	29,366 40	31,344 26
Public schools, less amount paid by State	676,768 09	719,963 05
City poor	298,904 50	302,207 82
Harbor Commission	65,390 90	133.418 49
Police Department	787,996 58	789,217 61
Health Department	88,060 58	102,552 90
Fire Department	305,473 50	328,638 59
Inspector of Buildings	150,289 77	182,638 68
City Commissioner's Department	209,010 63	239,093 14
City Commissioner's Department, from 1928 loan, sewers, repairing, &c	.....	1,041,774 05
Amounts carried forward	$3,647,365 64	$4,895,337 77

Table Showing Disbursements for Actual Expenses of the City Government for the Years 1891 and 1892—Continued.

	1891	1892
Amounts brought forward	$3,647,365 64	$4,895,337 77
Appropriations for squares	1,883 39	1,592 64
Street Cleaning Department	266,311 39	276,782 85
Music in Parks	3,000 00	3,000 00
General Superintendent of Lamps	245,192 72	263,725 10
City Council, salaries of members, officers and expenses	62,860 33	61,406 41
General expenses	1,051 90	1,336 64
Care of City and Circuit Court buildings	.....	4,139 37
Care of Circuit Court No. 2	.....	899 91
Care of Court House	10,658 62	5,397 55
Expenses of market houses and halls	4,856 61	4,924 03
Harbor Masters' commissions for collecting wharfage	7,405 00	7,567 29
Salaries	74,889 59	77,808 39
City Library, stationery, &c	7,023 38	6,468 19
Public printing, advertising, &c	876 81	5,168 56
Discount on taxes	103,590 27	96,113 32
Care of City Hall	15,438 55	16,377 30
Mayoralty	1,969 41	2,295 80

Special appropriations	6,696 86	4,855 56
Lamplighters' salaries	46,514 00	47,125 43
City property, ground rents	10,048 46	10,573 21
City Collector's Office, salaries and expenses	53,290 66	54,093 95
Elections	16,670 33	19,307 51
Dog pound	1,253 50	900 24
Supervisors of Elections	9,255 76	12,072 54
Liquor License Commissioners	13,873 12	13,995 15
Maryland Institute	6,000 00	6,000 00
Drinking fountains, water mains and fire-plugs	.....	3,145 00
General licenses	1,520 96	1,558 05
Sprinkling Mount Royal avenue	1,250 00	1,000 00
Enoch Pratt Free Library	50,000 00	50,000 00
Ice-boat Annapolis	7,500 00	7,500 00
Assistance to Examiner of Titles		1,050 00
State tax on City loans	21,494 66	30,257 95
Rent of Circuit Court No. 2	.....	900 00
New City Code	2,000 00	2,008 78
Fourth Battalion Infantry, M. N. G.	2,000 00	3,000 00
Building annex to Jail	.....	3,470 94
Paving Patapsco street	.....	471 26
Expenditures in Twenty-first and Twenty-second Wards	252,849 05	291,346 51
Aggregate of small items	4,332 78	2,848 26
	$4,960,923 75	$6,297,821 46

From the above list of expenses of 1892 should be deducted $1,041,774.05, expended for sewers and repairing streets under the Five Million Loan ordinance, thus reducing the expenditures for 1892 to $5,256,046.49; in 1891 similar expenditures amounted to $5,375,519.16.

A comparison of the figures in the above table will show slight increases in expenses of some departments; this is reasonable, as the City is rapidly increasing in population. Among the larger increases over 1891 are the following: Cost of schools, $43,194.96; City Commissioner's Department, $30,083.51; Health Department, $14,492.32; Fire Department, $23,165.09; street cleaning, $10,471.46; street lighting, $18,532.38; Harbor Department, $65,390.90; this latter being due to some extent from the extra appropriation for dredging in the Spring Gardens. The expenditures in Twenty-first and Twenty-second Wards increase $38,497.46.

While the cost of government for a City with a population approximating 500,000 is large, it will be found by examining the expenditures of other cities, in their respective reports, to all of which access can be had in the City Library, that what I have frequently asserted is true, i. e., while the City Government of Baltimore is by no means perfect, that the salaries are lower, the public work is done cheaper, every department spends less money, and the City is better and more economically governed than any city of its class in the United States.

What will put down the tax rate, is a larger taxable basis; this can only be obtained by a new and equitable re-assessment, nor should it be forgotten that within a comparatively few years, the two new wards, which are being so rapidly improved under the encouragement of a very low assessment and a 60 cent tax rate, will greatly add to the wealth and taxable basis of the City. Let us therefore treat these wards liberally and kindly in our municipal legislation. What adds to the tax rate in the City, is its unjust treatment by the State, which not content with our annual contribution of about $130,000.00 to the school fund above what we receive, exacts over a hundred thousand dollars from the liquor licenses, and over a hundred and fifty thousand dollars from the traders' licenses paid, not for doing business or for any protection giving by the State, for the City pays the cost of both Police and Fire Department, but for doing business in Baltimore. In this connection it was truly said by President Gary, of the Merchants' and Manufacturers' Association: "The amount paid annually by the people of Baltimore in traders' and high license taxes, to which the State can lay no just claim, exceeds by more than one-half the total tax paid by all the counties of the State."

CITY COMPTROLLER'S DEPARTMENT.

The report of this officer gives an itemized statement of all municipal receipts and disbursements. These have been referred to in my review of the City Register's report. Those interested will there find every

dollar of expenditure fully accounted for. During my last term, authority was given to issue City stock for what was known as the Five Million Loan; it may be interesting to know how this money was expended, the Comptroller's report will explain it. This loan, authorized by ordinance approved September 26th, 1888, was apportioned as follows: $400,000 for opening Douglas street, $550,000 for widening Fayette street, $250,000 for widening the "Narrows" on East Baltimore street, $1,750,000 for construction of storm water sewers, $400,000 for erecting school houses, $1,000,000 for improved pavements, $200,000 for improving the addition to Patterson Park, $250,000 for erecting bridges, $50,000 for purchase of a park in Southwest Baltimore, $150,000 for making an addition to Court House. The amounts thus far expended are as follows: School houses and lots, $369,486.53; park in Southwest Baltimore, $50,000; improvement of Patterson Park, $193,152.53; construction of bridges, $249,377.96; sewers, $1,274,260.22; improved pavements, $718,187.42; widening the "Narrows" of East Baltimore street, $168,194.33; widening Fayette street, $582,399.64; opening Douglas street, $375,908.46; total, $3,980,967.09. Of this amount $1,601,395.55 has been expended during 1892. The benefits yet to be received from widening Fayette street will reduce the expenditure to the sum apportioned for that purpose. The balances left of the amounts apportioned for sewers, school houses, Patterson Park, bridges and improved pavements, have already been appropriated, although not yet expended; the balances left of the

other items are not available for any purpose except that for which they were apportioned in the ordinance.

The system of keeping accounts in the Comptroller's department is admirable, and every care is taken in the examination of bills presented for payment by this excellent and painstaking official and his experienced and faithful clerks.

COLLECTION OF TAXES.

The report of the City Collector shows the following receipts from taxes, etc., in his department for 1892: Total collections in the City, $5,183,866.40, of which the City's portion was $4,703,075.68, and the State's, $480,790.68. This is analyzed as follows:

In the first twenty wards, City's portion:	
On account of taxes in arrears	$1,212,220 27
" " levy of 1892.....	3,189,934 99
For opening, closing and widening streets.	131,970 54
For paving.....	17 32
Numbering houses, account of 1887.....	2 25
Total	$4,534,145 37

The collections for the City in the 21st and 22d Wards for 1891 were $165,761.42, and for the State, $39,366.53, analyzed as follows:

City's portion:

Levy of 1889, from taxes		$	803 42
" 1890, "			5,106 51
" 1891, "			41,259 80
" 1892, "			118,591 69
Total		$165,761	42

On the levy of 1892 in the first twenty wards—present taxable basis $280,031,266—the total collections from May to December 31st, 1892, inclusive, was 73.$\frac{49}{100}$ per cent. Deducting amount of plant exempted from City taxation, the percentage collected was 74.$\frac{05}{100}$ per cent.

On the levy of 1892 in the 21st and 22d Wards—present basis $27,362,696—the total collections were 74.$\frac{16}{100}$ per cent.

The necessity for a re-assessment of property in the City is shown by the fact that in the first twenty wards the taxable basis in 1891 was $280,867,069, while in 1892 the basis was $280,041,266.

In the 21st and 22d Wards the taxable basis in 1891 was $25,282,653, while in 1892 it was $27,362,696. This indicates that a sixty cent tax rate is encouraging improvements in the new wards.

The Collector recommends an increase of salary for the two cashiers in his department, and again refers to the necessity of additional accommodations for the growing business of his office.

APPEAL TAX COURT.

This report shows that the number of permits for the erection of new buildings during 1892 in the first twenty wards, was 1,410, and improvements 491, the assessed value of both being $2,022,555.00. In the Twenty-first and Twenty-second Wards the new buildings were 556, and the improvements 218, with an assessed value of $764,007.

The following table shows the increase of building in the first twenty wards, from 1888 to 1892, inclusive:

	New Buildings.	Improvements.	Assessed Value.
1888	2,139	462	$3,532,706 00
1889	1,918	387	3,145,660 00
1890	1,536	347	2,466,678 00
1891	2,157	560	3,157,769 00
1892	1,410	491	2,022,555 00

In my message of January, 1891, I said "a smaller number of houses will doubtless be erected in 1892, owing to the passage of the new building laws making it more expensive to build." The above table shows that this has proved true. The present scarcity of houses to meet the demand will doubtless cause more building in 1893. The variation in the tax rate, singular to say, does not seem to affect building; in 1888 and 1889, when the rate was $1.90, the assessed value of improvements was $3,532,706.00 and $3,145,660.00, respectively, while in 1891 and 1892, with a tax rate of $1.55, the value was $3,157,769.00 and $2,022,555.00. The 60 cent tax

rate, together with rapid transit, has undoubtedly encouraged building in the new wards, for we find there for the year 556 new buildings and 218 improvements. The amounts of plant or machinery used for manufacturing purposes exempted in 1892 was, for individuals $1,537,061, and for the Consolidated Gas Company $590,219, a total of $2,127,280—in 1891 the exemption was $2,100,745. The report urges the necessity of a re-assessment of property in the City.

CITY COMMISSIONER'S DEPARTMENT.

This department has under its charge the paving and repairing of streets, and construction and repairing of sewers and bridges. At its head is the City Commissioner, with three Assistant Commissioners, educated practical engineers, and one Engineer Officer, Mr. Frederick H. Smith, the Superintendent of Bridge Building. No department has better engineer officers or more responsible and arduous duties to perform, and as an indication of its importance, the report shows that the amount authorized in 1892 to be expended under its supervision, was $1,921,005.21; the amount expended was $1,265,100.77, leaving an unexpended balance of $655,904.44. Although often subject to criticism, I believe that investigation will demonstrate that the City work done under this department is as good, if not better and more economically executed, than that in any other city.

One of the largest expenditures has been for the construction of sewers. Being under ground, and there-

fore unseen; this work fails to receive the credit to which it is entitled. Those who have thoroughly examined and inspected it, as I have done, will find it equal in plan and construction to the best government work. In the five million loan, $1,750,000 was appropriated for this purpose, and, in the six million loan, $1,000,000 is authorized to be expended in this connection. These are large sums of money, and while I know the work has been well done, I suggest that, to satisfy the public, the Mayor be authorized to appoint two engineers, to be paid for their services, to inspect the new sewers and new pavements, and make a report thereon to the Mayor and City Council.

In the work of constructing sewers and laying Belgian block pavement, the City has employed its own labor, the material required being purchased, after advertising therefor, from the lowest bidder. Fair wages have been paid directly to the employees, who have worked for the City and not for a contractor. My own experience is, that such work is done better in this way than by contract. As the City has no appliances for laying asphalt pavements, either block or sheet, and the former is patented, this work has been done by contract. The cost paid for block asphalt is $2.50, and for sheet asphalt, $2.70 per square yard. In New York, Philadelphia and Buffalo, the latter city having about 80 miles of sheet asphalt, the price paid for sheet is $3.00 per square yard. If, therefore, as some assert, we pay an excessive price, other large cities pay more than we do.

In Washington it has been said that the price paid for sheet asphalt is lower than in Baltimore; this is questionable, as the conditions surrounding it are perhaps different. In the ordinances passed by the last Council, the contractor for asphalt pavement was given the old cobble-stones, which in the sheet asphalt was used after crushing to make the concrete foundation. Baltimore is entitled to have such pavements laid at the lowest price at which it can be properly done, and in providing for additional pavements of this character, it is the duty of the City Council to take every means in its power to secure for the City the best work at the very lowest cost. In laying the Belgian blocks, which is done by the City, delay has been caused by the difficulty encountered in obtaining a sufficient number of skilled Belgian block pavers, owing to an ordinance requiring them to be registered voters of Baltimore City; so many cities are now laying such pavements, that members of this mechanical calling seek work in other places, and others come here for employment after the opportunity of being registered has passed—a modification of this law in connection with skilled mechanics, would avoid a delay in laying these pavements, which is often a subject of public criticism without the cause being known.

In this connection, the City Commissioner says: "The large amount of street railway work, as well as the general movement toward Belgian block pavements, in this and other cities, has created a demand exceeding the supply for this class of skilled labor.

In consequence thereof contractors and municipalities have had much trouble in obtaining block pavers. The Baltimore block pavers are not only good and reliable workmen, but their numbers are so few as to render them unable to cope with the amount of work already provided for by ordinance, and that in contemplation." It was for this reason that so much of this work, for which ordinances were passed by the last Council, is yet unfinished. The Commissioner, therefore, contemplates, before commencing any new work, to complete the Belgian block pavement on Pennsylvania avenue, Hanover street, East Lexington or Douglas street, and the "Narrows" on East Baltimore street; he then proposes, if authority is given, to proceed with repairing Pratt street, Baltimore street, east and west of the bridge, where needed, and to repave Light street from Lombard to Montgomery. After that is completed, to go on with the new Belgian pavements that may be authorized. The difficulties above referred to will show that there is something more to be done to have a Belgian block pavement laid than merely to pass the ordinance.

In the matter of repairing and repaving such streets as have already been repaved with Belgian blocks, the Commissioner recommends that the old blocks be utilized for repaving other streets by breaking them in half and laying them end-wise on a cushion of sharp sand, or concrete, with a light cushion of sand thereon, and filling the joints with pitch or coal products. He estimates the cost of such a pavement on a concrete

foundation at about $1.80 per square yard. This latter subject is referred to in another part of this message.

NORTH AVENUE BRIDGE.

Embraced in the Commissioner's report is that of Mr. Frederick H. Smith, Engineer Officer in charge of the Bridge Building Department. In this is given a detailed account of the difficulties encountered in the removal of the old bridge on North avenue, and opening the temporary bridge as a substitute therefor, over the Falls. This requires the construction of a new bridge on the line of North avenue, which will entail a large expenditure. There is an existing ordinance requiring the construction of this bridge of stone, but the amount appropriated was found, after advertising for proposals, to be insufficient. In this connection Engineer Smith says:

"In view of all the delays that have already occurred in connection with this bridge, and in view of the very dangerous condition of affairs which will obtain when the Baltimore and Ohio Railroad Company begins running its entire fast train business across North avenue at grade next September, with three sets of electric cars and a constantly increasing tide of traffic, it certainly seems to be good business sense and judgment to build a steel bridge at that point, and to lose no time about it. A stone bridge will take two years at least to build, most likely three years, and will cost $341,000—without allowing for accidents to false work

from fire or passing trains, resulting in possible downfall of half-built arches—while a steel bridge, with stone supports, can certainly be built in one year, is not nearly so liable to accident in construction, and will cost only $260,000. The difference in cost of $81,000, at four per cent., is $3,240 per annum against the stone bridge, and the extreme cost of repainting and otherwise keeping a steel bridge in thorough condition is only $440 per year, thus leaving a clear net business argument of $2,800 of extra taxes every year against a stone bridge."

SEWERS AND PAVEMENTS.

The Commissioner's report covers those of Assistant City Commissioner's Engineers Hook, Kahler and Duvall, in which is given, in the fullest detail, an account of all the work done in this connection, with the exact cost thereof. In nearly every instance the amount expended was less than the estimated cost. This report contains much matter of general interest to the public, and I regret that I am compelled to refer thus briefly to its many items. I commend its recommendations to your consideration, and the entire report to those citizens who feel an interest in the manner and cost of doing the public work of this department.

HEALTH DEPARTMENT.

The cost of this department in 1892, in the first twenty wards was, $103,747.15, including $5,668.50 for removal of garbage, $5,000 for removal of canning

house refuge by water, and $17,973.43, the expenses of the Quarantine Hospital. In the Twenty-first and Twenty-second Wards the cost was $6,225.51. The number of deaths from all diseases was 10,582, of which 8,361 were white, and 2,221 colored, an increase of 509 over 1891. The death rate was 23.25 per thousand, that of whites being 22.47, and of colored 31.28. The largest mortality was from consumption, 1,127, this was an increase of 54 over the preceeding year. "The prevalence of epidemic influenza," says the Health Officer, "during the early months of the year 1892, directly or indirectly caused a large mortality; it exerted a great influence upon other diseases of the respiratory organs, and served as a cause of death in many such diseases and cases of debility." A few isolated cases of small-pox appeared, but it caused no deaths in the City. Of typhoid fever the deaths were 193, an increase of 43 over 1891. Of the zymotic diseases, including among them consumption and pneumonia, there were 4,226 deaths, or 39.08 per cent. of the total deaths from all causes, an increase of 338 or 0.49 per cent. as compared with the preceding year.

The population, according to the police census of 1890, was 455,427, and the death rate based upon this was 23.25 per thousand. It cannot be charged that in Baltimore the death rate is reduced by an exaggeration of the population. The police census was fairly taken, it is very slightly in excess of the United States census taken in the midst of summer when large

numbers of our people are absent, and, judging from the experience of other cities, was doubtless incorrect. In fact ,if the police census in 1890 was accurate, the population ought certainly to have increased in 1892. The death rate is therefore probably actually lower than above given. In 1891 the death rate, based on the same enumeration, was 22.13. The report calls attention to condition of the indigent insane; this subject I refer to in my review of the report of the Trustees of Bay View Asylum. It also gives in detail an account of the precautions taken during the past summer to prevent the entrance of cholera into the City, and refers to many matters of interest connected with this department. The report of the Assistant Health Officer gives a statement of the work of the Vaccine Physicians, and of the Sanitary Inspectors.

HOSPITAL FOR CONTAGIOUS DISEASES.

The Health Officer strongly recommends the establishment of a hospital for infectious and contagious diseases, and ably sets forth in his report the reasons therefor. I agree with him in this matter, and send herewith a memorial, signed by a large number of our best citizens, asking your favorable consideration of the subject. There being no hospital for the care of such cases often greatly embarrasses the department. When the new Quarantine Hospital was established, it was proposed to use the old quarantine buildings for this purpose. These buildings are now very dilap-

idated and, in their present condition, unfitted for accommodating the sick. Some opposition would probably be encountered by the near neighbors to sending such cases to this locality; the same difficulty, however, would be met wherever such a hospital was located. In cases of scarlet fever, diphtheria, measles, and even mumps, the City has no place to send the patients. I respectfully recommend that this matter be referred to a committee, to which should be added the Health Officer and the Mayor, to give the subject proper consideration.

QUARANTINE DEPARTMENT.

The report of the officer at the head of this hospital states that 687 vessels entering the port have been inspected during the year, of which 394 were steamers; in 1891, the number of vessels inspected were 594; this shows a gratifying increase in our commerce. The quarantine fees collected and returned to the City Treasury amounted to $7,675.90. Although cholera prevailed in some of the foreign ports in communication with our own, no vessel with that disease arrived at this station. Only 11 vessels were detained, five of which had quarantine diseases on board; the others, coming from suspicious ports, were held a short time for observation and disinfection. Dr. Heiskell has under his immediate charge the old as well as the new quarantine station, at the former a farmer and laborer are employed; and some supplies of vegetables, &c., are furnished to the new station. The buildings

at the old quarantine are rapidly falling to pieces, and are unfit for use as a pest hospital. Unless the hospital building is repaired and put in order, with the object of using it as a hospital for contagious diseases under a competent physician, Dr. Heiskell suggests that the Quarantine Officer be relieved of its charge, and it be put in the hands of some one who would farm the grounds and care for the property.

COMMISSIONERS FOR OPENING STREETS.

This report gives names of streets and alleys opened and closed in 1892, with details of assessments. Total assessments on the City were $222,775.62. The opening of Douglas and widening of East Baltimore and Fayette streets was provided for in the Five Million Loan. These improvements, although costly, are good investments. Delay in removing buildings on Fayette street is caused by litigation not concluded on ownership of some condemned property, and winter weather making it undesirable to begin tearing down when liable to interruption in removing old material. Weather delays paving Douglas street; and construction of cable road, the repaving East Baltimore street. The early spring will see these improvements rapidly pushed to completion.

In connection with opening streets, attention is directed to the following recommendation in this report: Article XLVII, Sec. 7, City Code, requires that before proceeding to assess damages and expenses as

directed by the ordinance, the Commissioners shall sell, after ten days' notice, the materials in any house which it shall be necessary to remove in whole or in part, and also to sell the residue of lots, part of which may be taken in the street opening.

By making the sale before assessing damages and expenses, the full value of the property is seldom obtained. An adequate bid will not be made for ground or material, the possession of which is postponed often for several years, and which is subject to assessment for benefits in some subsequent proceedings. As soon as the sale takes place, the permanent tenant generally moves out, and the property is occupied by temporary tenants, who will pay the City no rent, and who, often being almost "squatters," take no care of the premises and are in most cases undesirable neighbors. Again, the City frequently sustains loss, as do owners of property, by the Mayor and City Council repealing ordinances for opening streets after the assessment for benefits and damages, and even after the material has been sold. In this case the sale having preceeded the other work of the commission, all expenditures of advertising, costs of sale, etc., are lost. For these and other good reasons set forth in the report, it is recommended that the law be changed by requiring the sale of the old material and residue of any lot, part of which is condemned for the street opening, to be made after and not preceeding the condemnation, and after benefits have been collected and damages paid.

JAIL.

This institution continues to be admirably and economically managed by its Board of Visitors. The expense to the City in 1892 was $53,338.47, being $1,661.53 less than the amount appropriated ; the expense in 1891 was $55,300.15. The revenue paid through the Comptroller into the City Treasury was $6,560.99, derived as follows: From labor of the prisoners, $5,257.59 ; from United States Government for prison board, $1,232.90, and from Kent county, $70.50. The number of commitments was 10,494, of which 7,759 were for drunkenness and minor offences. The daily average was 467 ; in 1891 it was 497.

The health of the prisoners has been well cared for by Dr. Hart, the Physician of the Jail, and its sanitary condition is excellent. Many improvements have been made in the building during the year, full details of which are given in the report of Mr. Daniel Constantine, the efficient Warden, which I send herewith.

CITY LIBRARY.

The report of the Librarian give a detailed account of the business of his department. This officer has charge of and is responsible for the preservation and proper keeping of all original City Council records and papers, and all plats of streets and other important City archives. In addition to this he purchases the stationery and printed matter for the municipal departments. The Library now contains 11,633 bound vol-

umes, mostly the municipal reports of other cities, 7,779 pamphlets and 4,013 bound copies of our City records; also bound volumes of the daily newspapers, besides many very valuable plats and papers connected with the City from its founding in 1730 to the present day. These papers and books have been admirably arranged and classified by this efficient officer, and are constantly consulted by officials and citizens as a source of valuable information. The importance of this department is scarcely realized, and I therefore concur in the suggestion of the Librarian that a special committee be appointed by the City Council to examine into and provide for such requirements as are necessary for the proper preservation of many old and valuable documents to which attention is called in the report. I respectfully endorse the suggestion that an appropriation of two hundred dollars be made for rebinding books for the year 1893, and a sufficient amount to have a copy of Poppleton's map made in sections, and to provide for the proper preservation of the original plat. The cost of stationery and printing for the municipal offices, supplied through the Librarian for 1892, was $8,309.15, a very moderate amount for so large a City as Baltimore. This includes the Water Department and Park Commission, which although ordering their stationery and printing through the Library, pay for it by their warrants on the Comptroller.

The Police Department and Supervisors of Election purchase their supplies of stationery and printed matter, although it is paid for by the City.

These departments being, in a measure, State offices, doubtless consider that the City ordinance requiring all such supplies to be purchased by the Librarian after advertisement for proposals, is not applicable in their connection.

GENERAL SUPERINTENDENT OF LAMPS AND INSPECTOR AND SEALER OF GAS METERS.

This office has charge of lighting the City, and in addition, the inspection of gas meters. For the latter a charge is made, yielding in 1892 a revenue of $2,114.25, which with $378.02 received from repairs of lamps, returned to the Treasury $2,492.27. In the first twenty wards there are 4,824, and in the Twenty-first and Twenty-second Wards 551 gas lamps, a total of 5,375. The cost of gas is $1.25 per thousand; there is no contract, the City paying at the same rate as private consumers. In the first twenty wards there are 1,026 electric arc and 48 incandescent lights, and 4 arc lights in the new wards. The electric lights are furnished by the Brush Company for 35 cents per light per night; the contract is for 5 years from June 1st, 1890, with the privilege to the City of annuling it at the expiration of any two years. Compared with the cost in other cities this price is low, in Boston the rate is 40 cents. In the first twenty wards there are 507, and in the new wards 543 gasoline lamps. These lamps are filled and supplied with oil by contract for $9.90 in the old, and $9.95 in the new wards per annum per lamp; the contract expires June 30th, 1893.

The cost of furnishing light for street lamps in 1892, not including pay of superintendents and lampligthers

and cost of lamps, lamp posts and repairs, was as follows: In the first twenty wards, electric lights, $123,903.85; gas lights, $132,571.58; gasoline lamps, $7,249.67; in the new wards, electric, $470.50; gas, $13,472,09, and gasoline lamps, $5,420,90; a total of $238,088.59. This shows the expense of lighting the streets of a great city.

There are six Superintendents of Lamplighters, at a salary of $12.50 per week each, and 136 lamplighters who are paid $8 per week. Complaints are frequent, and in my judgment just, of want of more lamps in the new wards. Notwithstanding the number of lamplighters there is difficulty, especially in the new wards, of having the work properly attended to; the distances are great, often causing delay in lighting and extinguishing lamps. The service is, however, much better than ever before, especially in the attention giving to cleaning the lamps; this is due to the excellent manner in which the General Superintendent discharges his duties. Complaints have been made from time to time about the electric lights, but with the new machinery and increased power lately added to the works of the contracting company, the service has greatly improved. The rapid growth of the City within the past few years has added to the duties of this department, and it is almost impossible for six superintendents to give proper supervision to their districts. Nor has the General Superintendent the opportunity for proper attention to his work, being required to inspect and seal gas meters, which alone occupies all his time or that of his clerk during office hours. I think an additional em-

ployee is needed whose sole duty should be to inspect meters; as the revenue from this service is over $2,000 per annum, the office would be self sustaining.

FIRE DEPARTMENT.

The Fire Department of Baltimore consists of fifteen engine companies; one fire boat; nine hook and ladder companies and eight chemical engine companies. The force employed is 287 members, of which 252 are permanent uniformed men and 35 ununiformed call members. There are twenty steam fire engines, fifteen of which are kept in regular service, and five in reserve; twenty hose carriages and nine hose wagons; nine hook and ladder trucks, of which six are in regular service, and three in reserve; six Hayes extension ladder trucks and two bank ladder trucks; seven double tank chemical engines; seven fuel wagons; forty-two chemical fire extinguishers, five gallons each, and four of fifteen gallons each; eight officer's wagons; one wrecking truck; ten life nets; one supply wagon and one water tower. There are now in the service 124 horses. Connected with the department is the system of Police and Fire-Alarm Telegraph. The cost of maintenance of the department in 1892 was for the first twenty wards, $328,638.59, and in the 21st and 22d Wards, $33,146.95; total, $361,785.54. This includes the cost of the Police and Fire-Alarm Telegraph.

The small loss from fires in Baltimore, compared with other cities, and the rates of insurance prevailing here, practically indicate the efficiency of our depart-

ment. The service rendered by the fire boat during the past year has been most valuable. The deaths of James L. Lindsay and Leon Talbot, firemen, killed in the performance of their duty, is greatly regretted. The report suggests that it would be desirable to make the department absolutely full paid; this will add $15,400 per annum to its cost.

POLICE AND FIRE-ALARM TELEGRAPH.

The report of Superintendent McAleese gives a detailed statement of matters connected with his department. He reports that the lines are in good condition and the service satisfactory. He suggests that a thorough examination and proper repairing should be made of all the fire-alarm boxes, some of which have been in service since 1876, when the present system was first introduced. A great assistance to the department are the keyless boxes, of which there are now over one hundred in the City. I suggest that these be increased. Experience has shown that the difficulty in finding the key or some one who has the key of the alarm box, occasionally causes dangerous delay.

WATER DEPARTMENT.

The net revenue from water rents, meter supplies, plumbing bills, &c., for 1892, amounted to	$778,726 51
Appropriations by Mayor and City Council for extension of mains, fire-plugs, pumps and fountains	3,145 00
Received from tax levy for water tax	54,608 85
Total	$836,480 36

This shows an increase of $63,932.98 over the receipts of 1891, but $57,176.61 of this amount is an increase of the receipts in the plumbing department, for work done and paid for by the Water Department for the City Passenger Railway Company, and then repaid by that company. In 1892, the water rents collected during the year increased $10,661.66 over the rents collected in 1891. The receipts from water rents were $159,459.66, an increase of $10,132.59. The increase from meters would have been much larger had not the Board been compelled to refuse permits for hydraulic elevators and water motors. The disbursements for distributing mains were $155,065.35; the expenditures in this connection have been large owing to the desire of the Board to meet the wants of manufacturing and domestic supplies. The cost of laying these additional mains has been a heavy drain upon the income of the department, aggregating $428,413.92 in the last three years. This outlay should have been met by the issue of additional bonds, as it was fairly chargeable to capital account, and the interest could readily be met with the increased revenue. In 1894, the following water bonds become due and payable. $263,000 00 6 per cents, and $3,737,000.00 5 per cents. When these bonds are paid, as they can be with the money now for that purpose in the sinking fund, it will be advisable, in my judgment, for the Water Board to ask the City Council to authorize the issue of a loan to enable it to meet the demand for new mains, in order that the City may be more liberally

supplied, especially in the Twenty-first and Twenty-second Wards, where the rapid increase of improvements requires large extensions of the water supply. The work required in 1893 will be a heavy draft on the revenues of the department. An additional pumping engine is required for the eastern pumping station, of ten million gallon capacity, to keep up the supply of water in the middle and high service supplies. The dredging of Lake Roland and Loch Raven, and laying of both large and small mains in the new wards, are all necessary. There is no difficulty in making the Water Department absolutely self sustaining, provided too much of its income is not required to be paid for capital account. It must not be forgetten by the taxpayers, in this connection, that the charges for water in Baltimore are much lower than in any other city. Baltimore is the only city that makes no charge for water used for baths. Full details are given in the report of the Water Engineer of the work on Guilford Reservoir, now rapidly approaching completion, concerning the new pumping engine, the work on Lake Clifton gate-house, &c.

STREET CLEANING DEPARTMENT.

The amount expended for street cleaning and removal of garbage in the first twenty wards of the City for 1892 was $276,782.85. The amount appropriated was $276,056.00.

This expenditure was distributed as follows :

Cost of collecting garbage	$131,232 00
Cost of cleaning streets and removing dirt	118,898 91
Amount expended on dumps	5,922 91
Cost of tools	2,229 31
Salaries	8,999 72
Contract price of removing garbage for City	9,500 00
Total	$276,782 85

In the 21st and 22d Wards the appropriation for the same service was $18,220.00, and the cost $17,417.71.

There are now employed in the first twenty wards, 140 garbage carts, with men at $18 per week ; 58 street carts, with men at $18 per week ; 132 sweepers and scrapers, at $10 per week. In the twenty-two wards there are three District Superintendents, at $1,000 per annum each. The Commissioner of Street Cleaning is paid $2,000 per annum. The sale of street dirt and refuse realized $1,124.05. The report of the Commissioner gives full details of the work of the department.

This is an expensive department, and it is often charged that the results are not commensurate with its cost, yet when compared with what is expended for similar work in other cities, Baltimore does as much, if not more, for a smaller expenditure. We have but one hundred and thirty-eight sweepers and scrapers, and sixty-one carts, to clean and remove dirt from nearly four hundred and fifty miles of streets and

alleys. In New York there are no alleys, and no city has as many as Baltimore. Our alleys give more trouble than the streets ; they are in many cases made the receptacle of filth and rubbish, accumulating on the premises, in utter disregard of danger to public health ; citizens will throw refuse in an alley which fear of public criticism prevents dumping on the streets. New York, with about one-third more our mileage of streets, employs 1,400 men to sweep, six hundred carts, and twenty-two sweeping machines, at a cost of $2,192,000 per annum, while Boston, with a population and street mileage about equal to Baltimore's, expends more than double our outlay in this connection.

New York and Boston have introduced the block system of street cleaning ; its adoption here would add about $50,000 per annum to the expenses. Complaints are often made in connection with the removal of garbage, sometimes justly, owing to the negligence of employees ; this is corrected when brought to the notice of the department by the suspension or discharge of the negligent party ; but there are often difficulties in the case for which the public make no allowance.

An enumeration made by the Police Department, gives over 95,000 houses in Baltimore, of which over 85,000 are dwellings ; for the removal of garbage only 152 carts are employed, costing $142,464. The expense of this branch of the service must increase with the growth of the City, and, to be satisfactory, requires some different mode for disposing of garbage. The

haul to the water front where it is dumped on scows for removal, consumes about twice the time required for its collecting. Citizens on business streets can greatly aid street cleaning by refraining from sweeping waste paper and broken paper boxes, and distributing advertising programmes on the streets. This is often done on Baltimore street after it has been thoroughly swept on Saturday night. There is a City ordinance forbidding this nuisance which, if strictly enforced by the police, would be a great aid to the street cleaning department. Additional legislation is required in this connection.

Improvement in pavements has led to the purchase of two street sweeping machines and a sprinkler, which, although obtained late in the season, proved most effective on the smoother pavements. The Commissioner recommends the purchase of more, and also that the City purchase the horses to operate them. If we want clean streets we must have modern machinery. During 1892 many difficulties have been met in street cleaning, owing to tearing up pavements for cabling or laying new rails for electric roads by the street railways, the Belt tunnel on Howard street, new paving, etc. This has been a severe test on the public patience during the summer months, the dust and mud on our principal thoroughfares, caused thereby, resulting in great inconvenience and actual money loss to the occupiers of adjacent property.

I repeat what was said by my predecessor, urged in my last message, and again recommended in the report

of the Street Commissioner, that the system in this department needs reorganization. The Commissioner is held responsible for cleaning the streets, and the regular and prompt removal of garbage, and yet is powerless to meet this responsibility by reason of the defective system in his department. The men actually engaged in removing garbage and street cleaning are employed by the District Superintendents, without even his approval. This should not be. The Commissioner should employ the men, not the Superintendents. The public will never be satisfied until this change is made. It is common sense that he who is responsible for the work should have full power over every man in his department. As said by a former Mayor, "The best guarantee of faithful performance of duty is to be found in individual responsibility." The experience of other cities, notably New York and Boston, shows that the City can do its own street cleaning better than by the contract system. An ordinance will be submitted for your consideration, making the change above recommended in this department.

INSPECTOR OF BUILDINGS.

The report of the Inspector gives in detail the work of his department in 1892. The amount expended was $234,577.53; in 1891 it was $184,344.65. The net revenue was $8,064.21; in 1891 it was $7,354.90. Three new school houses, begun in 1891, have been completed, viz: No. 19 Grammar and Primary, on Park avenue

and Hoffman street. This is the largest school building in the City, with twenty-four class rooms. Primary School No. 25, on South Bond street, with sixteen class rooms, and Grammar School No. 11, on Millington avenue and Lehman street, with twelve class rooms. The following school houses, begun in 1892, are either completed or now building, viz: English-German No. 1, Pennsylvania avenue and Dolphin street, with sixteen class rooms; Grammar No. 18, Harlem avenue and Monroe street, with sixteen class rooms; Colored No. 3, on Hill street, with twenty class rooms; Annex No. 10, Carroll avenue, with six class rooms, and so arranged that an additional story can be added, and Annex No. 8, on Francis street, near Clifton, with fourteen class rooms. An addition has been made to Grammar No. 20 of eight class rooms, and an additional story is being put on English-German No. 1. To complete the latter an appropriation of $3,000 is asked for.

The Inspector suggests, in which I concur, that hereafter we build larger school houses, thus obviating the necessity of constantly making additions to old buildings.

Two new engine houses have been erected, No. 18 on Twenty-second street, and No. 15 on West Lombard street.

Attention is called to the necessity of making certain repairs to the City Hall, such as painting the wood and iron work, &c., for which an appropriation of $4,000 is asked. I endorse this recommendation.

The market houses, engine and school houses, have all been kept in proper repair. This department is efficiently conducted under an officer who promoted from the chief clerkship during one of my former terms, has been continued during several administrations.

PUBLIC PARKS.

The Park Commission has charge of the following parks and squares:

Druid Hill Park, 700 acres; Patterson Park, 106 acres; Federal Hill Park, 8 acres; Riverside Park, 17 acres; Carroll Park, 19.72 acres; Johnston Square, Collington Square and Mount Royal Terraces. These, together with other public squares in charge of local commissions, are maintained from the revenue derived from the park tax on the City Passenger Railroads.

The amount applicable to maintenance of parks in 1892 was as follows:

From City Passenger Railways, park tax.....	$193,327 55	
From other sources from parks, such as rentals, sales of sheep, fines, &c..	5,907 55	
Balance on hand from 1891..	13,494 59	
		$212,729 14

Disbursements:

Paid for maintenance of all parks and squares in the City in 1892.....	$200,667 25	
Paid interest on $200,000, Patterson Park loan, due 1920, 4 per cent.....	8,000 00	
		208,667 75
Balance on hand December 31st, 1892.....		$4,061 89

The condemnation of the necessary land on the south side of Druid Hill Park, from Eutaw street entrance to Mount Royal avenue entrance, has enabled the Commission to construct a new approach from this avenue, by a road on the south side of Druid Lake, which will be a great improvement to the park. Many of the roads are being Macadamised, some of them widened, and the walks improved by gravel and stone footways. Trees have been planted in proper locations, and this beautiful pleasure ground kept in good condition for the enjoyments of its visitors. The marble statue of Columbus, a gift from our fellow citizens

of Italian birth or descent, is a valuable acquisition to the park. No other city can boast of such a park as Druid Hill.

In Patterson Park, a handsome and substantial mansion is being erected on the high ground overlooking the new extension. While not as large as Druid Hill, the 106 acres of this park constitute a beautiful pleasure ground, which is a source of enjoyment to the people, and has greatly improved property in its vicinity.

Carroll Park, in the southwestern section, is rapidly being improved, and one can scarcely recognize in this attractive park, with its flowers, walks, terraces, and the thoroughly renovated colonial residence erected in 1760, where Washington and LaFayette were entertained, the old Western Schuetzen Park, which was purchased by the City within the past three years.

Riverside and Federal Hill Parks, and the other squares in charge of the Commission, have all been kept in good order. Full details of the work done are given in the report of the Park Commission and in that of its Engineer.

PARK RESERVATIONS.

Baltimore is rapidly increasing in population and thickly built up areas. If we look backward, we can realize how the City has extended within a comparatively short period: When Druid Hill Park was purchased in 1860, it was out in the country; the same

may be said of Patterson Park. Before the war, very few houses were on Charles street north of Read, or on Baltimore street west of Carey. The Schuetzen Park on Gay street was some distance beyond any buildings, and what is now North Broadway at its intersection with Boundary avenue was farming land. Boundary avenue was unopened, nor had Broadway been cut through the old burying ground. Within the next twenty or thirty years the growth of the City will be greater than in the past.

New York and Philadelphia, wisely looking forward, have secured land in the outlying districts to be used for park purposes hereafter; Baltimore should do likewise. When Druid Hill Park was purchased, the revenue from City Passenger Railroads, although the tax was 20 per cent. of the gross receipts, amounted to about $40,000 per annum; at 9 per cent. it was, in 1892, $193,000.00. With the new cable and electric lines this must increase and thus enable us to do in the way of securing parks for the next generation, what those who purchased Druid Hill, all of whom have since died, did for us. An opportunity I believe now offers of securing a magnificent park in the northeastern section. I refer to the Clifton estate belonging to the Johns Hopkins University. It contains about 275 acres of high land, beautifully laid out, with grand old oaks and evergreens, a mansion in the centre, and spacious and beautiful lawns and terraces; on its southern border lies Lake Clifton, belonging to the City, and a short distance therefrom on the west Lake

Montebello, both surrounded by wide roads, which together would form a magnificent drive-way about twice the length of the road around Druid Lake. In connection with the Clifton property, Lake Clifton lies just as does Druid Lake in connection with Druid Hill Park. If the purchase can be made from the Trustees of the University, which is apparently permanently located in the City, for a reasonable amount, the opportunity should not be lost to secure this beautiful estate for park purposes. I have no doubt an arrangement can be made to pay for the land with bonds, the interest on which to be met from revenue of street railways, and a sinking fund provided to pay the bonds at maturity. While I have no assurance that this land can be purchased, the great benefit that would in my judgment result from a successful effort, justifies the City in making it. I therefore suggest the passage of a resolution authorizing the Mayor, with the Park Commissioners, to confer with the Trustees of the Johns Hopkins University, with a view to purchasing the Clifton estate, and report upon what terms it can be secured for the City for park purposes. The location of such a park would, within a few years, so improve property in that vicinity, that the addition to the taxable basis would much more than return its cost. We would then have Druid Hill Park on the northwest with 700 acres, Clifton Park on the northeast with, including Lake Clifton, over 300 acres; between the two Lake Montebello, with its drive-way of over a mile around its borders; on the east or southeast Patterson Park, and on the southwest Carroll Park.

SIX MILLION LOAN.

An ordinance, approved October 7th, 1892, authorizes the issue of Six Million City Bonds, the proceeds of the sale of which is to be expended in certain public improvements. In this connection I make the following suggestions:

The first expenditure authorized is $1,750,000 for the purchase of the necessary ground and the erection thereon of a new Court House and Record Office. This long admitted want will provide proper fire-proof accommodations for valuable court records, the loss of which would inflict a larger money damage than the cost of two or three Court Houses. It will, at the same time, relieve the present over-crowded condition of the City Hall by providing accommodations for several of the Municipal Departments. An ordinance has been prepared, and is herewith submitted, in this connection. It provides for the appointment by the Mayor, subject to confirmation by the Council, of six citizens, who, with the Mayor as Chairman *ex-officio*, shall constitute a commission to superintend and erect the new Court House. To this commission is given full power to determine whether it shall be built on the lot now occupied by the present Court House and Record Office, or whether the whole square bounded by Calvert, Fayette, St. Paul and Lexington streets shall be acquired, and the Court House placed in such position thereon as may be deemed best. Full power is given to the commission to acquire the additional

land if the whole lot is taken, either by purchase or condemnation, including the bed of the lane or alley now running between the present Court House and the old Masonic building. The cost of any additional land and erection of the building being limited to the amount set aside for the purpose in the ordinance of October 7th, 1892, I respectfully recommend the passage of the ordinance submitted. I am sure that the Mayor and City Council in the selection of the commission will name six citizens to whom the community will, with full confidence, entrust this expenditure. The erection of our City Hall is an evidence that in Baltimore such public trusts are properly executed.

The next expenditure authorized is one hundred and twenty thousand dollars, for making a topographical survey and plat of the City, and laying out of the streets and alleys thereon, and establishment of the proper grades of such streets and alleys.

This is an important and at the same time necessary work. Within a few years the City has annexed to its former limits an area larger than that contained in the first twenty wards. The present generation owes it to the next, that the beds of the streets which will eventually extend over the new territory should be properly laid out and the grades thereof established; also that a proper topographical survey should be made of the land. In this connection the survey will be greatly aided by work already done by the Johns Hopkins University, and I have no doubt an arrange-

ment can be made with the University to assist in completing the entire work.

It is also desirable to have a plat of the City, with each lot of property laid out thereon, with the name of the owner, whether improved or not, and the description of the improvement. Each lot being numbered, could easily be found and referred to, and no real property would thus escape taxation. In advertising property for sale, these numbers could be used in referring to the lots, instead of the long descriptions of a survey, which, advertised for four weeks in two newspapers, is very costly to the taxpayer. In fact the expense thus saved would, in a few years, pay the entire cost of the plat. In the event of a reassessment of the property in the City, now greatly needed, such a plat would be most valuable to the assessors, simplifying their labors, aiding them in accuracy, and helping to accomplish the work in much shorter time. As the work of making such a plat of the property in the City is purely mechanical, I suggest that proposals be advertised for, and the work given to the lowest responsible bidder. In this way competition would undoubtedly result in having it done at a comparatively moderate price by persons who have proper facilities for such work. In this case payment should be dependant upon approval of the plats, when completed, by the Mayor, Comptroller and Register. The topographical part of the survey, I suggest that the Mayor, Comptroller and Register be authorized to make an agreement to have done by the Johns Hopkins Uni-

versity or the United States Coast Survey. I am sure that by so doing we would get good service and pay therefor not one dollar more than it was worth.

For the laying out of the streets and the establishment of the proper grades in the Twenty-first and Twenty-second Wards, I suggest that the Mayor be authorized to appoint a competent engineer with two assistants. This latter is an important work requiring engineering skill of a high order, good judgment and discretion, especially in the establishment of the grades. I will have ordinances prepared and submitted for your consideration, carrying into effect these recommendations. I know they will meet with opposition from many who would like to be employed in this connection, but what I have suggested, will, I believe, produce the best results at the most reasonable price.

The next expenditure authorized is $1,600,000 for improved pavements. While this is an apparently large amount, it will be found to make a small impression on our old cobble-stones. Let us begin by enacting an ordinance forbidding any more cobble-stone pavements being laid within the City limits, at least within the first twenty wards, thus striking at the root of this nuisance. Opposition may come from property holders in outlying districts where new streets are to be opened, and where the cost of paving is paid by the adjacent property holder. Let us meet this by having such streets paved with vitrified bricks. If the brick

is good and properly laid, it will last here as it does in other cities. On new streets the travel is not very heavy, and the comfort of getting rid of the cobbles is great. Philadelphia would not have laid thirty miles of such pavement in its outlying districts if it was not good. Another advantage is the opening to competition of the furnishing of material, which the property holder, who has to pay the whole cost in paving a new street, is entitled to.

In expending the $1,600,000 for improved pavements, as it will repave only a few of the streets, I respectfully suggest that those be selected which will most benefit the general public, irrespective of the wishes of special localities. I mention in this connection some streets which I think meet the view I have expressed. There should be a connection between the smooth pavements in the western section and Broadway in the eastern, north of Fayette street. Either Eager, Chase or Biddle streets would meet this requirement. I have examined all three; the grade of Biddle street is the best; I therefore suggest the repaving of Biddle street with either asphalt blocks or sheet asphalt, from Cathedral to Broadway.

Paca street is rapidly becoming a central business street; I suggest its repavement with Belgian blocks, from Camden street to Druid Hill avenue. This will connect the new pavement on Columbia avenue with the improved pavements of Baltimore and Lexington streets. I suggest that the Belgian block pavement on Calvert street be connected by a similar pavement

on Read street with Cathedral street. This will not be very expensive, as the City Passenger Railroad has paved with blocks between its double tracks. I suggest that the asphalt block pavement on Lafayette avenue be extended eastward to Mount Royal avenue. On such part of this extension where there is a railroad track, I think Belgian blocks should be laid. I suggest paving with Belgian blocks Frederick avenue, from Gilmor street to Bentalou street. This will be a continuation of the Belgian block pavement on Baltimore street, and will supply a good pavement for one of the principal thoroughfares in the western section. I suggest the continuation of the Belgian block pavement eastwardly on Baltimore street, from Broadway to Patterson Park avenue; also the asphalt pavement on North Broadway, from Preston street to the Boundary; also the Belgian block pavement on North Charles street, from Boundary to Huntingdon avenue; also the asphalt pavement on Calvert street, from the north end of Calvert Street bridge to Boundary avenue. I suggest repaving with Belgian blocks, Fort avenue, from Hanover to Lawrence street; where this avenue is eighty feet wide, I recommend only paving with blocks from the kerb to the outer rail of the passenger railroad tracks, leaving on the space between the rails, which is to be kept in order by the railroad company, the present cobble-stones. This will afford ample room for travel on a smooth pavement outside of the railroad tracks. I suggest a smooth pavement on St. Paul street, from Monument street to Boundary avenue; this, I think, should be of "vitrified brick." The

travel on this street is not heavy, nor is it likely to be so even with an improved pavement. "Vitrified brick," of good quality, properly laid, will cost at least a dollar less than asphalt; it is never slippery, and will, in my judgment, meet all the requirements of public travel on this portion of this street.

Pratt street should also be paved with Belgian blocks, from Jones' falls to Gilmor street, or at least to Fremont street; on that portion of this street already so paved, where the blocks are worn out, they should be taken up and replaced with new blocks; the old blocks, where suitable, should be retained by the City and used for paving Carey street, from Baltimore street to Columbia avenue, which should have a Belgian block pavement, and where such blocks can well be made use of. I also suggest continuing the Belgian block pavement on Dolphin street, from Eutaw Place to Mount Royal avenue. It would be well to repave with asphalt pavement McCulloh street, from its proposed opening at the intersection of Monument and Eutaw streets to the Boundary.

The Belgian block pavement on Howard street should be extended north to Madison street. Light street should certainly be repaved with Belgian blocks, from Lombard street to Montgomery street; the present block pavement, laid down in 1874, being literally worn out. Saratoga street should be paved with Belgian blocks, from Liberty to Eutaw street. Greenmount avenue should be repaved with Belgian blocks, from Monument street to North avenue Franklin

street, with Belgian blocks, from Howard street to Pennsylvania avenue.

If there is a sufficient amount left, Boston street should be paved with Belgian blocks, from Aliceanna street to the eastern City limits. Eastern avenue, with Belgian blocks, from Broadway to eastern City limits, and Gough street, with asphalt, either sheet or blocks, from Broadway to Patterson Park avenue. Edmondson avenue with Belgian blocks, from Fulton avenue to the bridge over the Potomac R. R. Pearl street with Belgian blocks, from Baltimore street to Lexington street, and Park avenue with Belgian blocks, from Centre street to Monument street.

There are many other streets on which it would be desirable to put smooth pavements, but those I have above indicated would not only cost more than the amount at our disposal, but would be more than could possibly be done during the year 1893.

The next expenditure authorized is $400,000 for school houses. In this connection it must be remembered that provision will have to be made for securing proper accommodations for the Baltimore City College. I submit for your consideration, whether it would not be well to abandon altogether the present City College building, select a new site and erect a suitable building thereon to accommodate this institution. To do this would doubtless be costly, but I am sure it would meet the wishes of all friends of the College, and enable us to put up a building that would be much better

fitted for the purpose than could possibly be done on the present site. The amount of loss caused by damage to the old building in constructing the Belt tunnel can be estimated and collected from the contractors for the tunnel, and applied with other money necessary for the new building. Should the College be rebuilt on the present site it must not be forgotten that at any time the owners of the property on either side can, by the erection of buildings extending to the building line of Howard street, completely shut out all side light from the City's lot. If the plan I propose is adopted, the opening of Centre street, from Howard to Eutaw or Paca street, can be left for future consideration. In the meantime an open space, where the College now stands, would be of great benefit to the Johns Hopkins University, a matter to which the people of Baltimore should not be indifferent. By a modification of the ordinance authorizing the sale of the Bolton Depot lot to the Belt Railroad, a most excellent site could be provided for a new City College on land already belonging to the City.

Proper provision should be made for the purchase of a lot and the erection of a new building for the Western Female High School, but under no consideration should a lot be selected less than one hundred feet front, and on a corner. Should a mistake be made in this direction by taking a smaller lot, it will never cease to be regretted. This might also be put on the Bolton Depot lot. The expenditure of the balance of this amount should be used in the erection of other

school houses, which, in the judgment of the School Board, are most needed. I would suggest, however, that larger buildings should be put up than those heretofore built. This matter is referred to in my review of the report of the Inspector of Buildings.

The next expenditure authorized is $300,000 for paying benefits for opening and widening streets. I suggest that from this amount the benefits should be paid for opening Union Dock, McCulloh street, and widening the narrows of Gay street.

The next expenditure authorized is $1,000,000 for construction of storm water sewers. The sewers most needed in this connection are referred to in the report of the City Commissioner, among the most important of which is, in my judgment, a sewer on Fremont street, from Saratoga street to Columbia avenue.

The next expenditure is $600,000 for building bridges. Provision should be made with this for building the bridge over the falls on Baltimore street, a bridge over the falls on Ramsay street, a new bridge over the Potomac Railroad on Edmondson avenue, and also a bridge over the falls on North avenue. These bridges should, in my judgment, be of iron or steel; made of this material, they will last for an indefinite period, answer every requirement, be economical in construction, and, under the late policy adopted by the City, be open to free competition, and the contract be awarded to the lowest responsible bidder.

The last expenditure authorized is $225,000 for building conduits for putting telegraph and telephone wires underground. In my judgment, the first thing to be done in this connection is to put the Police and Fire-alarm wires under ground in the conduits already provided by the Chesapeake and Potomac Telephone Company, and in which conduits the City has the right to put its wires ; then to authorize the Mayor to employ such engineering skill as is necessary to devise a system of conduits in which all overhead wires may be eventually required to go.

The amount, $225,000, will pay a very small portion of the cost of such conduits, and before even making a commencement of their construction, some carefully digested plan should be presented for adoption by the Mayor and City Council.

In the expenditure of the very large sum of six million dollars for these improvements, the Mayor and City Council must recollect that the people are very watchful over the disbursement of public money, and that upon us rests the responsibility of seeing that none of it is uselessly or extravagantly spent. The taxpayers want value received for every dollar expended.

PUBLIC SCHOOLS.

The report of the School Commissioners gives full details of the management of this department. There are 156 day schools with 1,392 teachers, 54,406 enrolled pupils, and an average attendance of 43,869. There

are 8 night schools with 38 teachers, 1,413 enrolled pupils, and an average attendance of 842. The pupils attending day schools during 1892 was 67,610, and night schools 1,413. The number attending all the schools was 69,023. The increase for 1892 in number of day schools was 8, and in night schools 7. There was an increase of 91 day school, and 32 night school teachers; an increase of 1,863 day school pupils, with an average attendance of 971, an increase of 607 night school pupils, all of the latter attending regularly. The percentage of attendance in the day schools was 84, ranging from 94 per cent., the largest, in the Manual Training School, to 79 per cent. in the colored schools. In the night schools the average attendance was 68 per cent. The number of non-resident pupils during the year was 232, and the number now on roll is 137. Amount received from non-residents for tuition and books was $3,520 50. The average annual salary of teachers was $570.71, and the per capita cost of pupils in all the schools, based on enrollment and current expenses, was $18.48, as follows:

Baltimore City College, $86.23; Manual Training School, $84.20; Female High School, $34.30; Male Grammar School, $23.00; Female Grammar School, $18.35; Male Primary, $15.10; Female Primary, $14.60; Annex Schools, $16.50; English-German Schools, $16.10; Colored High and Grammar Schools, $20.00; and Colored Primary, $14.20. The amount appropriated in 1892, including $1,937.72 from intestate estates, was $1,014,937.72. Amount expended, $1,009,444.18,

leaving a balance of $5,493.54. In 1891 the amount expended was $957,820.14. The receipts for current expenses for 1892 were—

City Collector, taxes	$671,471 66
State of Maryland	184,697 89
Non-resident pupils	3,532 50
J. F. Plummer, interest on legacy	114 50
	$859,816 55

This amount is $27,078.58 more than received in 1891.

The items of expenditures were as follows:

Salaries of officers and teachers in first twenty wards	$717,114 85
Other current expenses	154,997 47
Salaries of teachers in Twenty-first and Twenty-second Wards	83,853 25
Other current expenses	19,166 71
Manual Training School	24,996 81
Colored Manual Training School	7,377 54
Expenditure for organs	1,937 55
	$1,009,444 18

The amount expended by Inspector of Buildings on account of new buildings and repairs, were as follows:

For new buildings in first 20 wards	$113,411 38	
Repairs of old buildings in first 20 wards	13,000 00	
		$126,411 38

Amount brought forward.....		$126,411 38
New buildings in 21st and 22d Wards.....	$37,628 81	
Repairs of old buildings in 21st and 22d Wards.....	3,000 00	
		40,620 81
		$167,040 19

I give a full statement of these expenditures, to answer the question, often asked: What does free public education cost?

The estimates for 1893 are as follows:

For all schools in the first 20 wards.....	$936,681 00
" " " 21st and 22d Wards	117,000 00
For Columbian Exhibit.....	4,860 00
	$1,058,541 00

This is exclusive of ground rents on school houses, amounting to about $30,000 per annum, heretofore charged to appropriations for public schools; it is proposed, hereafter, to charge this amount to City property.

Of the 108 buildings occupied for school purposes, 86 are owned by the City, and 22 are rented; the rentals paid are $7,000 per annum. The report recommends new buildings for the City College and Western Female High School; this is referred to in another part of my message. New buildings are recommended, as follows: Grammar Primary No. 9, in the northern section.

Grammar No. 10, in the southern section, south of the present building at the corner of Warren avenue and William street. Primary No 4, corner of Howard and Lee streets; for this it is suggested to purchase additional ground adjoining the present lot, and enlarge the building or erect a new one. A new primary school house in Twenty-first Ward, near Highland Park. A new grammar school in Twenty-second Ward, between Huntingdon avenue and Waverly; and a new grammar school in the southwestern section, for relief of schools in that neighborhood now occupying rented buildings. .

It is proposed to make an exhibit of our school system at the Columbian Exhibition, consisting of the work in each grade from the primary department to the City College, and to send several steam engines and other machines constructed by pupils of the Manual Training School. At the National Expositions at Philadelphia and New Orleans, premiums were awarded to Baltimore for such exhibits; we will doubtless meet with similar success at Chicago.

During the year instruction in sewing has been successfully introduced in our female schools; eleven teachers in that connection being appointed, one, a superintendent, at $600 per annum, the others at $500 per annum each.

The School Board contemplates the establishment of a training school for teachers, and asks authority

therefor from the Mayor and City Council; it also asks authority to appoint an additional assistant clerk to the Secretary of the Board.

The report is full and interesting to the public. I regret that the limits of this message prevent giving a more extended review of the subject. I earnestly recommend a liberal provision for this department of the City Government.

MARYLAND INSTITUTE.

This institute should be regarded as a part of our system of public education. Here over 1,000 pupils are given instruction in artistic, mechanical and architectural drawing. The annual charge is small, and the City has the privilege of sending pupils without pay. Its graduates are always in demand in manufacturing, mechanical and artistic callings, and its reputation is second to no technilogical school in the country. Aided by the State and City, it has returned full value for the appropriations made in this connection. Heretofore the City has given $6,000 annually toward its support; in view of its large increase of pupils, it now asks that this appropriation be increased to $9,000. I recommend that the request be granted. Its management is excellent and the work it is doing in this community is practical and productive of good results.

REFORMATORY INSTITUTIONS.

I recommend the usual appropriations to these useful institutions. The reports of the House of Refuge, St. Mary's Industrial School for Boys, the House of Reformation for Colored Boys, Industrial School for Colored Girls, and Female House of Refuge, all indicate an efficient and economical management. The City is represented on the Board of Managers of each. In the House of Reformation for Colored Boys, 130 of its 254 inmates are from Baltimore. This useful institution is overcrowded, and needs additional room ; it is the only place to which boys of this class can be sent, who are uncontrollable by their parents, or convicted of same minor offence against the law. The Jail is no proper place for them. The House of Reformation, therefore, becomes a necessary institution. Its President is Mr. Enoch Pratt, its founder, to whose liberality it is greatly indebted, and who has always taken much interest in its successful operation. The Board of Managers ask assistance from the City to enable it to put up an additional building.

ENOCH PRATT FREE LIBRARY.

This institution has been open to the public for seven years. The building was erected, and then deeded with the lot to the City, by Mr. Enoch Pratt; at the same time Mr. Pratt handed to the Mayor his check for $833,333.33. The City authorities prudently invested this sum in City stock, with the purpose of letting the

annual interest thereon, compound with the principal, until it amounted to a sum yielding an income of $50,000 per annum, which will liberally support the Library; in the meantime the City itself assumed its support. As stated in another part of this message, this period has arrived, and the City will no longer be called upon to make an appropriation in this connections from the annual tax levy. Baltimore has now a Free Public Library, with five branches, and an annual endowment of $50,000. On the shelves of the Library and its branches are 122,773 volumes.

HARBOR BOARD.

For purposes of Harbor improvement in 1892, there was appropriated $107,000. Sewer and other deposits to the extent of 282,424 cubic yards were removed, at a cost (including supervisors, surveys, &c,) of $16\frac{64}{100}$ cents per yard, making a depth of water of from 15 to 20 feet, from the back basin, and from docks on the north and south side of the inner harbor, and from the basin proper, from Light street to Union dock. From Jones' falls there was removed 38,184 cubic yards from Canton avenue to Pratt Street bridge, at a gross cost of $39\frac{23}{100}$ cents per yard. From the shoal left after the removal of Foley's wharf, 55,327 cubic yards was removed, at a gross cost of $26\frac{84}{100}$ cents per yard, dredging to a depth of 18 feet. In the Middle Branch or Spring Gardens, 194,152 cubic yards were dredged out to a depth of 17 feet, and sewer deposits to a depth of 12 feet, at a gross cost of $15\frac{41}{100}$ cents per yard. The total

dredging was 531,913 cubic yards, at a gross average cost of $91,851.09, or 17$\frac{26}{100}$ cents per yard. The contractors were paid 14$\frac{26}{100}$ cents per yard, and the cost of supervision, surveys, tug-boats, &c., was 3$\frac{26}{100}$ cents per yard. Foley's wharf, on the east side of the harbor, was removed to the extent of 135 feet of its length. When the shoal where this portion of the wharf stood is dredged, as proposed, to depth of 27 feet, it will remove what has been for many years an obstruction to the approach to the inner harbor. A new scow was purchased to serve as a dumping place for ashes from tug boats, and is now in successful use. The law forbidding the throwing of such refuse into the harbor being more strictly enforced with the aid of the Police Patrol boat. During the year 48,524 bushels of ashes have been deposited on this scow from 98 tug-boats, which otherwise would have been thrown into the harbor. The cost of maintenance of this scow was $1,142.78. The tug-boat Baltimore has been thoroughly repaired at a cost of $6,794.58.

During the summer, the ice-boat F. C. Latrobe has made the usual excursions to Chesterwood for the benefit of the Free Summer Excursion Society. Full details of the work of this department is given in the report.

LAW DEPARTMENT.

The report of the City Solicitor gives a full statement of all City cases tried, settled and now pending in the courts. Many of the cases therein referred to

involve legal questions, which, when settled, will establish important precedents to govern the City's action in matters constantly arising in the different departments. In the case of Madison vs. The Harbor Board, it was decided to be in the discretion of the Board to determine upon the qualification of bidders for a contract for dredging. In the case of Hopkins, City Collector, vs. Baker, it was decided that furniture was property of a character which could within the meaning of the constitution be permanently located in a different county or city from the one where its owner lived, overruling the contention on the part of the owner that no personal property could be "permanently located," save machinery or other property which was not capable of being moved from place to place. An important case pending in the Circuit Court of Baltimore City is the Lake Roland Elevated Railroad Company vs. Mayor and City Council. In this is involved the question of the right of the Mayor and City Council to repeal a grant of the privilege to lay car tracks on one of the public streets. A *pro-forma* decree was taken dismissing the bill, the plaintiff appealed and the question will be decided by the Court of Appeals.

Since the decision of the court in the case of Ulman vs. The Mayor and City Council, the City could not assess the cost of grading and paving a newly opened street on the adjacent property-holders for the want of proper legislation to enable the Mayor and City Council to pass ordinances comforming to the

rules therein laid down by the court. At the last session of the General Assembly such legislation was obtained. An ordinance in this connection has been prepared by the City Solicitor, and is submitted for your consideration, the passage of which I respectfully recommend. Its enactment will permit the City to continue such necessary improvements.

The new City Code arranged by Hon. John P. Poe, is now being examined by the City Attorney by comparing its provisions with the City Ordinances. This Code, although published, has not yet been adopted by the Mayor and City Council, and until then, the Code of 1879, with its Supplements, is the law governing the City. During the year a change has been made in the personnel of the Law Department, with the exception of the Examiner of Titles.

An ordinance approved March 18th, 1892, created the office of City Attorney, to which Mr. William Sheppard Bryan was appointed. A short time thereafter Hon. Albert Ritchie, City Counsellor, was appointed by the Governor to a position on the Supreme Bench of Baltimore City. Mr. Bryan was appointed City Counsellor to fill the vacancy thus caused. In September, 1892, the City Solicitor, Mr. William A. Hammond, a sound lawyer and most worthy gentleman, who for nearly three years had faithfully discharged his official duties, died. Mr. Bryan was then appointed City Solicitor, the Hon. Thomas G. Hayes, ex-United States District Attorney, was appointed City Counsellor, and Mr. James P. Gorter, ex-State Senator, was appointed City Attorney.

EXAMINATION OF TITLES.

An important division of the Law Department is that in charge of the Examiner of Titles. This officer, Mr. James W. McElroy, appointed during one of my former terms, has the advantage of ability and long experience in the discharge of his responsible duties. His report gives a list of all property purchased by the City, rights of way for sewers and other purposes, of which the titles were examined, and of all streets on which preliminary and final examinations of title have been made. As many questions have been asked about the delay in the widening of Fayette street, referred to in another part of this message, the following extract from this report is interesting; "The final examination of titles, leasehold and realty in the matter of widening Fayette street, between Calvert and Liberty streets, has occupied much time, and been attended with much but necessary litigation, instituted at the suggestion of the Examiner for the purpose of enabling the City to pay its money to those legally entitled, whose property was taken in widening the street, and who could not execute proper releases to the City, because of legal disability or other sufficient cause. Nearly the whole of this examination was done in 1892, and now but a few more titles remain to be examined. In the litigated cases now pending, the City can only pay under an order of the court, but, at the request of the Examiner, the Counsel having the cases in charge are progressing with them to a decree as rapidly as can safely be done."

The Examiner recommends that proper legislation should be obtained to entitle the City to receive rentals for use and occupation from tenants occupying property condemned and paid for by the City, until it is removed by the purchaser of the building material.

BAY VIEW ASYLUM.

On January 1st, 1893, there were 1,479 persons in the Asylum. During the year 3,074 were admitted. The average number of inmates was 1,288⅓. Total expense of maintenance was $94,969.89, and receipts paid into the City Treasury were $2,136.07. The cost of supporting the inmates was $72.06 per capita. The number of inmates is larger than at any time since its erection. The report of the Board gives a detailed account of its management.

I do not hesitate in saying that the City has a most efficient Board of Trustees, who do all in their power to properly treat the unfortunates placed under their care. These gentlemen, however, labor under much difficulty in properly caring for the insane. Although within the past few years two large buildings have been erected at Bay View for the accommodation of these patients, both are now over-crowded. It is necessary, therefore, to provide additional buildings. In this connection the question is, what had best be done? Those experienced in such matters will tell you that it is a mistake to have an asylum for the insane connected with one for the indigent and the sick. They

should be not only separate buildings, but not in the same locality.

The State should take entire charge of its indigent insane; it is a duty imposed upon the State which it should not seek to avoid. Should this be done, humane feeling would not be shocked by revelations made from time to time of the condition of the insane in some of the county almshouses. If our State, however, fails to do this, it is incumbent on our City to make proper provision for its insane.

The true way would be for the City to own a large tract of land, with a sufficient number of plain and inexpensive buildings thereon, to accommodate the patients, and with ground enough to be tilled by the inmates to afford them such constant outdoor occupation as would offer an opportunity for recovery. This contemplates the removal of all the insane from Bay View Asylum, which then would be occupied solely as an almshouse and hospital for the indigent. Should this plan be too expensive and it be decided to add to the present accommodations at Bay View, in my judgment, no other building should be put up without the acquirement of additional land. There is not room, in my judgment, on what we have there for the erection of another buiding for the insane. This matter is one of pressing need and great importance. It is earnestly presented by the Trustees of Bay View in their excellent report. I agree with them that a Commission should be appointed to take the matter

into consideration. I have no doubt that both Dr. Hurd, of the Johns Hopkins Hospital, and Dr. Brush, of the Sheppard Asylum, gentlemen who have given much thought to the subject of the best means of dealing with insanity, would gladly give to any Commission the benefit of their valuable experience.

WESTERN MARYLAND RAILROAD.

A resolution was passed by the Mayor and City Council November 14th, 1892, appointing a Commission to investigate the financial and physical condition of the Western Maryland Railroad Company, and the prospective commercial advantages to Baltimore, under its present management. This Commission is now engaged in the work assigned to it, and will be ready to report at or before the time named in the resolution.

In the meanwhile the railroad has resumed payment to the City of the interest on those mortgages, the payment of interest on which had been suspended since July 1st, 1889, and the last annual report of the Company indicates that this payment will be continued regularly hereafter, with an intimation of a further increase of revenue to the City from this source. It is to be hoped that the expectations of the president and directors of this road in its future prosperity will be fully realized.

JOHNS HOPKINS AND ENOCH PRATT.

An enabling act passed at the last session of the General Assembly, authorizes the City to erect a statue to the memory of the late Johns Hopkins.

I recommend an ordinance be passed authorizing the appointment, by the Mayor, of a Commission, of which the Mayor shall be chairman, to have such a statue erected. The memory of the man who gave to Baltimore the Johns Hopkins Hospital and University is certainly deserving of such an honor.

I also recommend an appropriation to procure a portrait of Mr. Enoch Pratt to be placed in the City Hall. Let us avail ourselves of the opportunity, while he is still with us, to perpetuate in a lasting manner the appearance of the man to whom Baltimore is indebted for its Free Library.

CONCLUSION.

I strongly urge the necessity of a low tax rate and the avoidance of a floating indebtedness.

In whatever legislation which will further the prosperity of the City, or be conducive to the happiness and comfort of its people, you will have my hearty co-operation.

I am, with great respect,

Your obedient servant,

FERDINAND C. LATROBE,

Mayor.

ANNUAL REPORT

— OF THE —

CITY COLLECTOR

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

TAX DEPARTMENT,

CITY COLLECTOR'S OFFICE—CITY HALL.

BALTIMORE, January 1st, 1893.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

I have the honor to submit for your inspection the operations of this Department for the year ending December 31st, 1892, in the first twenty wards of the City, and also in the Twenty-first and Twenty-second Wards.

The amount of money received from all sources during the year, including the Twenty-first and Twenty-second Wards, was $5,183,866.40

On levy of 1888—present basis, corrected, $261,880,471—the total collections have amounted to 99$\frac{39}{100}$ per cent.

On the levy of 1889—present basis, corrected, $266,758,844—the total collections have amounted to 99$\frac{39}{100}$ per cent.

On the levy of 1890—present basis, corrected, $271,508,286—the total collections have amounted to $99\frac{37}{100}$ per cent.

On the levy of 1891—present basis, corrected, $276,136,818—the total collections have amounted to $94\frac{71}{100}$ per cent.

On the levy of 1892—present basis, $280,041,266—the total collections from May to December 31st, inclusive, amount to $73\frac{19}{100}$ per cent. Deducting amount of plant exempt from City taxation, the percentage collected amounts to $74\frac{5}{100}$ per cent.

Table A shows the monthly collections of both City and State, including the Twenty-first and Twenty-second Wards, amounting to $5,183,866 40. Of this sum the City's proportion was $4,703,075.72, and that of the State $480,790.68.

Table B shows the bases of the several levies on which collections have been made during the past year, with the amounts collected on each levy; also the gross amounts received for opening, closing and widening, for paving streets, &c.

By this table it will be seen that there has been collected on account of taxes in arrears	$1,212,220 27
On account of levy of 1892	3,189,934 99
For opening, closing and widening streets	131,970 54
For paving	17 32
For numbering houses, account of 1887	2 25
Total	$4,534,145 37

Table C shows the rate of tax per one hundred dollars, and the various items of the several levies from 1886 to 1892, inclusive.

Table D is an exhibit of the monthly receipts on the several levies from 1886 to 1892, inclusive; also receipts for opening, closing, widening and paving streets and alleys.

Table E exhibits the amounts collected during the past year, in accordance with the rates stated in table C, divided in separate items forming each levy; also the amount of interest received from accounts in arrears, and the amount of discount allowed for the prompt payment of current taxes.

Table F shows the bases and the basis collected upon within each year on the levies of the years 1886 to 1892, inclusive, to December 31st of each year; also the levy of 1892, from date of levy to December 31st, 1892, and the levy of 1891 to December 31st, 1892.

Table G shows the percentage collected monthly from January 1st, 1892, to May, 1892, on the levy of 1891, and on the levy of 1892 to December 31st, 1892, inclusive.

Table H shows the receipts for opening, closing and widening streets and alleys during the year, amounting to $131,970.54.

Table I gives a statement of receipts for paving streets and alleys during the year, amounting to $17.32.

Table J shows the total amounts collected, the total basis collected upon during the year 1892, in comparison with the same for the year 1891.

ANNEX DEPARTMENT, TWENTY-FIRST AND TWENTY-SECOND WARDS.

On the levy of 1889—present basis $22,399,968—the total collections have amounted to $99\frac{99}{100}$ per cent.

On the levy of 1890—present basis $23,500,395—the total collections have amounted to $99\frac{24}{100}$ per cent.

On the levy of 1891—present basis $25,282,653—the total collections have amounted to $95\frac{92}{100}$ per cent.

On the levy of 1892—present basis $27,362,696—the total collections have amounted to $74\frac{16}{100}$ per cent.

Table A shows the amounts of City and State taxes collected during the past year upon the levies of 1889, 1890, 1891 and 1892, amounting to $208,296.88; also the bases upon which such collections were made.

Table B shows the percentage collected on the present bases of the years 1889, 1890, 1891 and 1892, from the dates of the respective levies to December 31st, 1892.

These exhibits will show that the collections for the year 1892 have been exceptionally good. It is a matter of interest to the tax-payers that their bills should be paid promptly, thus avoiding not only the additional expense necessarily incurred, but the incumbering their property by an accumulation of two or three years' taxes.

I must again call your serious attention to the necessity for enlarged quarters for the transaction of business in this office ; I can only reiterate with additional emphasis the remarks made in my report of 1891 on this subject.

In view of the very arduous duties and great responsibilities of the two cashiers in this department, I would most heartily recommend that their salaries should be raised to eighteen hundred dollars each.

It is but proper to call your attention to the fact, in view of the labor and responsibility, the salaries of these officers is out of all proportion to that of the clerks in the office.

I take the opportunity of returning my sincere thanks to all parties having business relations with this office, for their cheerful co-operation and kindness on all occasions.

With great respect,

I have the honor to be,

Your obedient servant,

LEWIS N. HOPKINS,

Collector.

TABLES.

TABLE A.

Total City and State Taxes, including the 21st and 22d Wards, received from January 1st, 1892, to December 31st, 1892, inclusive.

1892.	CITY.	STATE.	TOTAL.	21ST AND 22D WARDS.		
				CITY.	STATE.	TOTAL.
Jan. . .	$660,796 51	$64,017 18	$724,813 69	$23,806 91	$4,884 49	$28,691 40
Feb. . .	119,297 84	9,381 42	128,679 26	3,816 17	1,100 56	4,916 73
Mar. .	93,480 78	6,131 46	99,612 24	2,591 46	743 51	3,334 97
April.	63,646 18	5,891 21	69,537 39	3,666 53	1,063 75	4,730 28
May. .	2,051,056 60	176,894 82	2,227,951 42	70,825 92	15,828 76	86,654 68
June. .	248,356 93	24,508 77	272,865 70	10,721 30	3,119 53	13,840 83
July .	158,210 37	16,231 47	174,441 84	5,302 44	1,556 38	6,858 82
Aug. .	146,860 22	28,081 85	174,942 07	5,096 81	2,308 39	7,405 20
Sept. .	147,847 94	21,336 82	169,184 76	5,584 62	2,101 99	7,686 61
Oct. . .	200,027 23	20,770 24	220,797 47	4,207 46	1,174 87	5,382 33
Nov. .	227,607 50	35,011 23	262,618 73	4,551 78	1,288 10	5,839 88
Dec. .	416,957 27	33,167 68	450,124 95	28,758 95	4,196 20	32,955 15
	$4,534 145 37	$441,424 15	$4,975,569 52	$168,930 35	$39,366 53	$208,296 88

TABLE A—Concluded.

City	$4,534,145 37	State	$441,424 15
City, 21st and 22d Wards	168,930 35	State 21st and 22d Wards	39,366 53
	$4,703,075 72		$480,790 68

City	$4,703,075 72
State	480,790 68
Total	$5,183,866 40

TABLE B.

Recapitulation of Taxes Collected from January 1st, 1892, to December 31st, 1892, inclusive.

	Basis.	Rate.	Tax.	Discount.	Net Tax.	Interest.	Total, including Interest and Discount.
1886.							
Real		170					
Personal	$16,000	170	$272 00		$272 00	$ 95 20	$ 367 20
1887.							
Real	52,174	160	834 78		834 78	257 80	1,092 58
Personal	20,825	160	333 20		333 20	96 63	429 83
1888.							
Real	94,663	190	1,798 59		1,798 59	346 90	2,145 49
Personal	160,485	190	3,049 19		3,049 19	598 31	3,647 50
1889.							
Real	1,066,411	190	20,261 81		20,261 81	2,702 45	22,964 26
Personal	416,575	190	7,914 95		7,914 95	1,091 36	9,006 31
1890.							
Real	10,556,042	185	195,286 81		195,286 81	16,700 47	211,987 28
Personal	1,189,725	185	22,009 90		22,009 90	1,910 06	23,919 96

1891.								
Real....	53,590,255	155	830,648 91	.....	830,648 91	7,996 56	838,645 47
Personal	6,279,838	155	97,337 46	.....	97,337 46	676 93	98,014 39
	$73,442,993	....	....	.....	$1,179,747 60	$32,472 67	$1,212,220 27
1892.							
Real....	$149,442,578	155	$2,316,359 96	$58,575 70	$2,257,784 26	.....	$2,316,359 96
Personal	56,359,680	155	873,575 03	37,537 62	836,037 41	.....	873,575 03
	$205,802,258			$96,113 32	$4,273,569 27	$32,472 67	$4,402,155 26
	$279,245,251						$4,402,155 26
Opening streets and alleys.....							131,970 54
Paving streets and alleys.....							17 32
New numbers.....							2 25
							$4,534,145 37

TABLE C.

Rate of Tax per Hundred Dollars.

	1886	1887	1888	1889	1890	1891	1892
Police Department...	28	27	27	27	29	28	25
Certain Expenses....	9	8	9	10	8	9	8
Public Schools	23	23	24	23	26	23	25
City Poor.....	8	9	9	8	10	10	10
City Direct.....	69	56	66	79	70	46	43
Miscellaneous Stocks.	27	27	40	35	33	24	30
Opening Streets.....	4	8	13	5	6	4	3
Water Tax.....	2	2	2	2	2	2	2
Water 1926 Sinking Fund.....	....	....	....	½	½	1	1
Internal Improvement 1928 Sinking Fund.	....	....	....	....	½	3	.3
General Sinking Fund	....	....	....	½	....	5	5
	1.70	1.60	1.90	1.90	1.85	1 55	1.55

TABLE D.

Monthly receipts of Taxes on the several Levies from 1886 *to* 1892, *inclusive, for Opening Streets and Alleys, and for Paving Streets and Alleys, from January* 1*st*, 1892, *to December* 31*st*, 1892, *inclusive.*

1892.	Numbers.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	Opening streets.	Paving streets.	Total.
January	.....	.....	.....	$441 91	$6,568 19	$37,801 41	$608,202 63	.....	$ 7,782 37	.....	$660,796 51
February	.....	.....	.....	1,568 10	8,510 39	24,962 99	57,159 73	.....	27,096 63	.....	119,297 84
March	$1 25	.....	$ 427 44	1,083 00	4,622 82	26,375 91	28,355 93	.....	32,614 43	.....	93,480 78
April	1 00	.....	665 14	1,031 44	3,590 49	16,612 77	35,123 58	.....	6,621 76	.....	63,646 18
May	.....	.....	.....	673 36	1,064 74	10,665 39	27,187 78	$2,008,113 02	3,352 31	.....	2,051,056 60
June	.....	.....	.....	64 72	1,215 56	11,331 05	22,091 45	201,993 63	11,643 20	$17 32	248,356 93
July	.....	.....	.....	460 77	679 78	8,915 88	20,861 65	118,852 25	8,440 04	.....	158,210 37
August	.....	.....	.....	.....	161 49	7,331 23	25,574 17	107,186 00	6,607 33	.....	146,860 22
September	.....	.....	.....	259 03	1,340 59	11,019 11	31,049 13	96,978 85	7,201 23	.....	147,847 94
October	.....	.....	.....	.....	1,676 25	13,826 24	30,231 76	141,330 36	12,962 62	.....	200,027 23
November	.....	$367 20	429 83	210 66	428 19	54,398 72	22,281 11	145,232 17	4,259 62	.....	227,607 50
December	.....	.....	.....	.....	2,112 08	12,666 54	28,540 94	370,248 71	3,389 00	.....	416,957 27
	$2 25	$367 20	$1,522 41	$5,792 99	$31,970 57	$235,907 24	$936,659 86	$3,189,934 99	$131,970 54	$17 32	$4,534,145 37

TABLE E.

Division of Taxes received from January 1st, 1892, to December 31st, 1892.

	1886.	1887.	1888.	1889.	1890.	1891.	1892.	Total.
Police Department	$ 44 80	$197 10	$ 688 87	$ 4,004 07	$34,062 73	$167,652 67	$499,003 53	$705,653 77
Certain Expenses	14 40	58 40	229 64	1,483 00	9,396 61	53,866 69	159,681 13	224,729 87
Public Schools	36 80	167 90	612 34	3,410 87	30,539 03	137,701 21	499,003 51	671,471 66
City Poor	12 80	65 69	229 64	1,186 30	11,745 80	59,870 08	199,601 38	272,711 69
City Direct	110 40	408 80	1,683 97	11,715 70	82,220 39	275,402 57	858,286 09	1,229,827 92
Miscellaneous Stock	43 20	197 10	1,020 59	5,190 46	38,761 03	143,688 22	598,804 15	787,704 75
Opening Streets	6 40	58 40	331 70	741 48	7,047 45	23,948 02	59.880 39	92,013 84
Water Tax	3 20	14 59	51 03	296 58	2,349 16	11.974 02	39,920 27	54,608 85
Water 1926 Sinking Fund	.....	.....	.....	74 14	587 25	6,433 48	19,960 12	27,054 99
Internal Improvement 1928 Sinking Fund	.....	.....	.....	74 16	587 26	17,514 40	59,880 41	78,056 23
General Sinking Fund	.....	.....	.....	.....	.....	29,935 01	99,800 69	129,735 70
	$272 00	$1,167 98	$4,847 78	$28,176 76	$217,296 71	$927,986 37	$3,093,821 67	$4,273,569 27
Interest	95 20	354 43	945 21	3,793 81	18,610 53	8,673 49	.....	32,472 67
Discount	.....	.....	.....	.....	.....	.....	96,113 32	96,113 32
	$367 20	$1,522 41	$5,792 99	$31,970 57	$235,907 24	$936,659 86	$3,189,934 99	$4,402,155 26
Opening and Closing Streets and Alleys	.....	.....	.....	.....	.....	.....	.....	131,970 54
Paving Streets and Alleys	.....	.....	.....	.....	.....	.....	.....	17 32
New Numbers	.....	.....	.....	.....	.....	.....	.....	2 25
								$4,534,145 37

TABLE F.

Of percentage collected within the year on Levies of 1886 to 1891, to December 31st, 1891; also on Levy of 1892, from date of Levy to December 31st, 1892; also on Basis of 1891, to December 31st, 1892.

Year.	Basis.	Basis collected upon.	Per Cent.
1886.....	$256,240,655	$187,918,451	73.33
1887, corrected basis	265,121,438	195,733,826	73.83
1888, corrected basis	267,078,210	190,212,983	71.22
1889, corrected basis	270,217,863	193,061,621	71.45
1890, corrected basis	275,710,432	193,856,812	70.31
1891, to Dec. 31, 1891, corrected basis...	278,398,105	201,662,443	72.44
1892, to Dec. 31, 1892.	280,041,266	205,802,258	73.49
1891, to Dec. 31, 1892, corrected basis...	276,136,818	261,532,536	94.71

TABLE G.

Showing the percentage collected monthly from January 1st, 1892, to May, 1892, on Levy of 1891, and on Levy of 1892, from May, 1892, to December 31st, 1892, inclusive.

Basis.	Months.	Basis collected upon.	Per Cent.
1891. $276,136,118	January	$39,238,880	14.22
	February ...	3,679,379	1.22
	March	1,811,304	.66
	April	2,232,550	.71
1892. $280,041,266	May	$129,555,679	46.26
	June	13,031,847	4.66
	July.....	7,667,887	2.74
	August	6,915,226	2.47
	September ..	6,256,700	2.23
	October....	9,118,088	3.25
	November...	9,369,817	3.35
	December...	23,887,014	8.53
		$205,802,258	73.49

Basis, December 31, 1892....		$280,041,266
Less Plant exemption.....	$1,537,061	
Less Plant Consolidated Gas Company.....	590,219	
		2,127,280
		$277,913,986

Amount collected on $205,802,258, equal to 74.05 per cent.

TABLE H.

Summary of Receipts for Opening and Closing Streets and Alleys from January 1st, 1892, to December 31st, 1892, inclusive.

Opening	Fayette street	$102,842 09
"	Baltimore street	2,749 84
"	Clare street	386 00
"	Castle street	320 00
"	Pinckney street	895 60
"	Hollins street	150 50
"	Cooksie street	491 32
"	Belvidere street	27 60
"	Union Dock	6,500 00
"	Barnum street	155 50
"	Allen street	10,481 25
"	Burke street	2,324 00
"	Spring street	1,351 91
"	Brevard street	2,225 00
"	Townsend street	1,069 93
		$131,970 54

TABLE I.

Summary of Receipts for Paving Streets from January 1st, 1892, to December 31st, 1892, inclusive.

Paving Mount Royal avenue	$15 20
Interest	2 12
	$17 32

TABLE J.

Shows the total amounts collected, the total Basis collected upon during year 1892, on Taxes in Arrears and on Levy of 1892, in comparison with the same for the year 1891.

The total amounts collected in 1892 were:

On taxes in arrears	$ 73,442,993	$1,212,220 27
On Levy of 1892	205,802,258	3,189,934 99
Total	$279,245,251	$4,402,155 26

The total amounts collected in 1891 were:

On taxes in arrears	$ 76,053,240	$1,443,147 13
On Levy of 1891	201,662,443	3,125,767 79
	$277,715,683	$4,568,914 92

Summary.

1892, taxes in arrears.....	$ 73,442,993	$1,212,220 27
1891, " "	76,053,240	1,443,147 13
1892, on Levy of 1892.....	205,802,258	3,189,934 99
1891, on Levy of 1891.....	201,662,443	3,125,767 79

ANNEX DEPARTMENT,

21st and 22d Wards.

TABLE A.

The collections for the 21st and 22d Wards during 1892 were $168,930.35 of which there were collected on—

Levy of 1889	$	803 42
" 1890		5,106 51
" 1891		41,259 80
" 1892		121,760 62
		$168,930 35

The bases collected on were—

Levy of 1889	$	117,173
" 1890		784,635
" 1891		6,814,286
" 1892		20,293,439

State Annex,

21st and 22d Wards.

The amounts of State Taxes collected were—

Levy of 1889	$	148 32
" 1890		1,336 26
" 1891		9,901 80
" 1892		27,980 15
		$39,366 53

Total, City	$168,930	35
" State	39,366	53
	$208,296	88

ANNEX DEPARTMENT,

21*st and* 22*d Wards.*

TABLE B.

Showing the percentage collected on the present Bases of 1889, 1890, 1891 and 1892, from the dates of the respective Levies to December 31st, 1892.

	Present Basis.	Basis Collected upon.	Per Cent.
1889	$22,399,968	$22,398,210	99.99
1890	23,500,395	23,322,440	99.24
1891	25,282,653	24,249,895	95.92
1892	27,362,696	20,293,439	74.16

ANNUAL REPORTS

— OF THE —

Register of the City

— AND OF THE —

COMMISSIONERS OF FINANCE,

— TO THE —

MEMBERS OF THE FIRST AND SECOND BRANCHES

— OF THE —

CITY COUNCIL OF BALTIMORE,

For the Fiscal Year Ending December 31, 1892.

REPORT

— OF —

JOHN A. ROBB,

REGISTER OF THE CITY.

REGISTER'S REPORT.

OFFICE OF THE REGISTER OF THE CITY.

BALTIMORE, January 3d, 1893.

To the Honorable the Members of the
First and Second Branches of the City Council.

GENTLEMEN:

Your Register presents his "account of all moneys received and expended by him during the past year;" a "statement of the estimated receipts and payments required for the coming year;" also, tables showing the funded and guaranteed debt of the City as of December 31st, 1892, the productive and interest bearing securities of the City, the unproductive securities, and the monthly returns of the "Keepers of the Standards of Weights and Measures," the latter required by Ordinance No. 9, of 1881.

There was received into the Treasury during the fiscal year ending December 31st, 1892, from all sources, as exhibited in Tables marked D and E, and also in the balance sheet of the ledger, the sum of $9,236,928 82

Amount brought forward	$9,236,928 82
To which add the cash balance, December 31st, 1891	458,267 01
Making the amount of cash to be accounted for	$9,695,195 83
The total of disbursements as detailed in the same tables and for the same period amounts to	$9,432,155 35
Leaving a cash balance in bank December 31st, 1892, of	$ 263,040 48

applicable to the payment of interest, due January 1st, 1893, and current expenses.

The following usual statement of the actual receipts and expenses of the City Government, compiled from Table D, separates the income and expenses from those items which are merely receipts and disbursements:

RECEIPTS—INCOME FROM TAXES, INVESTMENTS, &c.

From	City Collector, levy of 1892	$3,189,934 99	
"	City Collector, levies of previous years	1,212,220 27	
			$4,402,155 26
"	City Collector, levy of 1892, in 21st and 22d Wards	121,760 62	
Amounts carried forward		$121,760 62	$4,402,155 26

Am'ts brought forword..	$121,760 62	$4,402,155 26
From City Collector, levies of previous years in 21st and 22d Wards.....	47,169 73	
		168,930 35
" fines, Jail, removed cases, &c....		12,234 60
" Bay View, Mt. Hope, Maryland Hospital, &c.....		5,089 79
" Health Department, Streets and Quarantine, Fire Department, &c.....		9,420 72
" Inspector of Buildings.....		8,985 55
" City Commissioner.....		8,123 94
" public schools, tuition fees and J. F. Plummer.....		3,647 00
" General Superintendent of Lamps.		2,492 27
" market houses and halls		54,933 70
" wharfage and rent of wharves.. .		29,403 36
" banks, interest on deposits.....		15,859 10
" general licenses.....		48,432 75
" liquor licenses		380,315 14
" auction duties.....		8,669 67
" sale of old material.....		704 33
" Chesapeake and Potomac Telephone Co.....		6,953 70
" turnpike dividends		271 15
" sale of City property		11,353 00
" conscience fund		6,766 56
" aggregate of sundry small items..		1,157 10
		$5,185,899 04

Amount brought forward		$5,185,899 04

RECEIPTS—Not Income.

From	State of Maryland for Public Schools	$184,697 62
"	sale of Jones' falls stock	28,000 00
"	City Passenger Railways for Park Board	193,327 55
"	Park Board, sales of live stock, &c	5,907 00
"	Park Board, for parks and squares	39,717 93
"	Water Board, to pay interest on water loans	512,630 00
"	Park Board, to pay interest on park loans	8,000 00
"	Commissioners of Finance, to pay interest on Western Maryland Railroad loans	80,820 00
"	Western Maryland Railroad Co., to pay interest on Western Maryland Railroad loans	82,740 00
"	tax sales	5,618 42
"	Water Board	781,790 95
"	State tax on City loans collected for State of Maryland	6,531 50
"	intestate estates	1,937 72
"	condemnation of land in Druid Hill Park	5,243 58
Amount carried forward		$7,122,861 31

Amount brought forward	$7,122,861 31
From Park Board, for Federal Hill Park, purchase of land	7,813 87
" City Collector, for opening streets and alleys	131,990 11
" sales of old material, opening streets, alleys, etc	84,492 61
" sales of internal improvement loan	1,889,770 92
Total receipts	$9,236,928 82

DISBURSEMENTS—EXPENSES OF CITY GOVERNMENT.

Interest on stock debt	$819,301 22
Expenses of the Law Courts	112,349 48
Registration of voters	39,474 76
City Jail	53,363 72
Magistrates' salaries	16,418 58
Fines, judgments and suits, and removed cases	14,925 68
Public Schools, less amount paid by State of Maryland	719,963 05
City Poor	302,207 82
Harbor Commission	133,418 49
Police Department	789,217 61
Health Department	102,552 90
Fire Department	328,638 59
Inspector of Buildings	182,638 68
City Commissioner's Department	239,093 14
Amount carried forward	$3,853,563 72

Amount brought forward	$3,853,563 72
City Commissioner's Department, charged to 1928 loan	1,041,774 05
Johnston Square	1,592 64
Street Cleaning Department	276,782 85
General Superintendent of Lamps	263,725 10
Music in the Parks	3,000 00
City Council, salaries of members, officers and expenses	61,406 41
General expense	1,336 64
Care of City and Circuit Court building	4,139 37
Care of Circuit Court No. 2	899 91
Care of Court House	5,397 55
Expenses of market houses and halls	4,924 03
Harbor Masters, commissions for collecting wharfage	7,567 29
Salaries	77,808 39
City Library stationery, etc	6,468 19
Public printing, advertising, etc	5,168 56
Discount on taxes	96,113 32
Care of City Hall	16,377 30
Mayoralty	2,295 80
Lamplighters' salaries	47,125 43
Special appropriations	4,858 56
City property, ground rents	10,573 21
City Collector's office, salaries and expenses	54,093 95
Elections	19,307 51
Dog Pound	900 24
Amount carried forward	$5,867,200 02

Amount brought forward	$5,867,200 02
Supervisors of Elections	12,072 54
Liquor License Commission	13,995 15
Maryland Institute	6,000 00
Drinking fountains, water mains and fire plugs	3,145 00
General licenses	1,558 05
Sprinkling Mt. Royal avenue and Calvert street	1,000 00
Enoch Pratt Free Library	50,000 00
Ice-boat Annapolis	7,500 00
Assistance to Examiner of Titles	1,050 00
State tax on City loans	30,257 95
Rent of Circuit Court No. 2	900 00
New City Code	2,008 78
Fourth Battalion Infantry, M. N. G	3,000 00
Building annex to Jail	3,470 94
Paving Patapsco street	471 26
Expenditures in 21st and 22d Wards	291,346 51
Aggregate of small items	2,848 26
	$6,297,824 46

DISBURSEMENTS—Not Expenses.

Park Board	$ 248,526 96
Commissioners of Finance, interest on Western Maryland Railroad loans	80,820 00
Park Board, interest on park loans	8,000 00
Water Board, interest on water loans	512,630 00
Amount carried forward	$7,147,801 42

Amount brought forward	$7,147,801 42
Western Maryland Railroad Company, interest on Western Maryland Railroad loans	82,740 00
Tax sales	3,217 95
Water Board	894,195 79
Refunded taxes	2,414 70
General sinking fund	129,736 07
Water 1926 sinking fund	26,608 48
Internal Improvement 1928 sinking fund.	78,502 37
Intestate estates	1,937 55
Condemnation of land in Druid Hill Park	4,902 25
Park Board, to purchase land in Federal Hill Park	7,813 87
Opening, widening and closing streets and alleys	860,811 04
Paving streets	6,777 24
State of Maryland, Public Schools	184,696 62
Total disbursements	$9,432,155 35

ESTIMATES FOR THE CURRENT YEAR.

In Table B the estimated requirements for the current year are stated in detail for the twenty wards of the City, amounting to	$5,802,667 52
And for the 21st and 22d Wards	231,624 36
Total	$6,034,291 88

Amount brought forward.....	$6,034,291 88
From this amount deduct the estimated receipts from taxes in arrear and other sources of revenue, as detailed in Statement C.....	1,841,930 00
Leaving the amount to be levied for....	$4,192,361 88
The estimates for 1892 were.....	3,355,597 50
Increase	$ 836,764 38

FUNDED AND GUARANTEED DEBT.

The total funded and guaranteed debt of the City, as of December 31st, 1892, is $34,663,297.48; this is an increase during the year 1892 over the year 1891 of $1,887,246.53, and is accounted for by the issue of $28,000.00 of Jones' falls 1900 stock, bearing $3\frac{65}{100}$ per cent. interest to the Commissioners of Finance (this completes the issue of this stock), and the issue and sale of $1,880,700.00 of Internal Improvement $3\frac{1}{2}$ per cent. 1928 loan, at a premium of $9,070.92. The redemption of over-due City stock during the year amounted to $21,453.47, viz:

Consolidated 1890 6 per cent. stock.....	$13,682 27	
Five Million loan 1890 6 per cent. stock.....	7,271 20	
Public Park loan 1890 6 per cent. stock.....	500 00	
		$21,453 47

I respectfully refer you to the report of the Commissioners of Finance for the condition of the various sinking funds under their charge and belonging to the City, and also to the accompanying tables.

Table A is a statement of the public debt of the City.

Table B is an estimate of requirements for the current fiscal year.

Table C is an estimate of receipts for the current fiscal year.

Table D is a detailed statement of the receipts and disbursements and showing the appropriations for the various accounts.

Table E shows the aggregate monthly receipts and disbursements.

Table F shows the monthly returns from the "Keepers of the Standards of Weights and Measures."

Respectfully submitted,

JOHN A. ROBB,

Register of the City.

STATMENT A.

Statement of Funded Debt, December 31, 1892.

Name of Loan.	Rate.	When Redeemable.	Amount.
Exempt	6 per ct.	At pleasure after Sept. 1, 1893.	$410,353 87
Water	6 "	" " July 1, 1894.	263,000 00
"	5 "	" " July 1, 1894.	3,737,000 00
"	5 "	" " July 1, 1916.	5,000,000 00
"	4 "	" " Nov. 1, 1922.	500,000 00
"	4 "	" " Nov. 1, 1926.	1,000,000 00
Funding	6 "	" " July 1, 1900.	800,000 00
"	5 "	" " July 1, 1916.	1,000,000 00
Harford Run	4 "	" " Jan. 1, 1920.	250,000 00
Paving	4 "	" " Nov. 1, 1920.	500,000 00
Consolidated	3½ "	" " July 1, 1930.	5,000,000 00
"	6 "	September 1, 1893	2,211,068 05
Park Improvement	6 "	January 1, 1895	185,723 80
Jones' Falls	6 "	April 9, 1900	800,000 00
"	5 "	" 9, 1900	957,000 00
"	365 "	" 9, 1900	483,000 00
"	3½ "	" 9, 1900	160,000 00
"	3 "	" 9, 1900	100,000 00
City Hall	6 "	" 15, 1900	1,000,000 00
"	6 "	March 7, 1902	500,000 00
W. Md. Railroad	6 "	January 1, 1902	1,000,000 00
" "	4 "	July 1, 1925	684,000 00
" "	3¼ "	January 1, 1927	1,704,000 00
Internal Imp'mnt	3½ "	July 1, 1928	4,850,000 00
Harford Run	4 "	November 3, 1904	350,000 00
Patterson Park	4 "	October 1, 1920	200,000 00
Overdue Stock	6 "	No interest allowed	482 00
Water, 1875	6 "	" "	540 00
One Million	6 "	" "	630 50
Consolidated, 1890	6 "	" "	18,695 81
Five Million, 1890.	6 "	" "	4,803 45
Public Park, 1890.	6 "	" "	1,000 00
Total funded debt			$33,671,297 48

Guaranteed Debt:

W. Md. R. R. 3d Mortgage bonds	$875,000 00	
Union R. R. Co. 1st Mortgage bonds	117,000 00	
		992,000 00
Total funded and guaranteed debts		$34,663,297 48

Amount brought forward.....		$34,663,297 48
From which deduct—		
Water Loans of 1894, 1916, 1922 and 1926, the interest on which is paid by revenue from water rents.....	$10,500,000 00	
Patterson Park Extension Loan, on which interest is paid by Park Board.....	200,000 00	
Union Railroad Company on.....	117,000 00	
Commissioners of Finance, on Western Maryland R. R. 1902 Loan and Western Maryland 3d Mortgage Bonds.....	1,875,000 00	
Overdue Stock, no interest allowed.....	26,151 76	
Western Maryland R. R. on 3½ 1927 Loan, and 4 per cent. 1925 Loan.....	2,388,000 00	
		$15,106,151 76
Leaving the amount on which interest is paid by taxation at.....		$19,557,145 72

Viz:	$5,907,145 72	interest, at	6 per cent.
	1,957,000 00	" "	5 "
	1,100,000 00	" "	4 "
	483,000 00	" "	$3\frac{65}{100}$ "
	10,010,000 00	" "	$3\frac{1}{2}$ "
	100,000 00	" "	3 "
	$19,557,145 72		

ASSETS OF THE CITY.

Productive.

Mortgage on Union Railroad Company....		$ 117,000 00	
Mortgages on Western Maryland Railroad Company.....		2,388,000 00	
550 shares Baltimore and Reisterstown Turnpike Stock.....		2,062 50	
137 shares Baltimore and Fredericktown Turnpike Stock.....		456 66	
Real estate, annual rental.....	$10,225 11		
Wharf property, annual rental.	38,000 00		
Market houses, annual rental...	50,000 00		
	$98,225 11		
Capitalized at 6 per cent.....		1,637,085 16	
Value of Sinking Fund.....		7,941,007 48	
			$12,085,611 80

Unproductive.

Accrued interest to January 1, 1887, on Western Maryland Railroad 2d Mortgage Guaranteed Bonds		$ 333,000 00	
Interest on Western Maryland R. R. 1925 Loan from July 1, 1890		68,400 00	
Interest on Western Maryland R. R. 1927 Loan from July 1, 1890		138,450 00	
Third Mortgage on Western Maryland Railroad Company	$ 875,000 00		
Accrued interest to date	1,155,000 00		
		2,030,000 00	
Fourth Mortgage on Western Maryland Railroad Company	$1,000,000 00		
Accrued interest to date	1,230,000 00		
		2,230,000 00	
10,000 shares Valley Railroad of Virginia Stock		1,000,000 00	
83,000 Philadelphia and Reading Railroad 3d Mortgage Preference Income Bonds		83,000 00	
4,000 shares Western Maryland Railroad Stock		200,000 00	
625 shares Baltimore and Yorktown Turnpike Stock		5,000 00	
135 shares Baltimore and Havre de Grace Turnpike Stock			
Besides other property, such as—			
Court Houses, Record Office, City Hall, Jail, Police Stations, Fire Engine Houses and apparatus, School Houses, Almshouse, Ice-boats, Quarantine Station, Public Parks, Squares, &c., valued at		10,000,000 00	
			$16,087,850 00

STATEMENT B.

The following statement exhibits the present liabilities and the estimated expenses of the City to be provided for in the levy for the year 1893.

EXISTING CLAIMS.

Balance due on Harford Run improvement account.....		$ 19,537 76	
Balance due on Park Board account.....		4,061 89	
Balance due on internal improvement 1928 loan.....		774,163 21	
		$797,762 86	
Cash balance in banks, Dec. 31, 1892.....	$263,040 48		
Amount due from Water Board.....	48,075 22		
Amount due from liquor license	6,156 73		
Amount due from Baltimore Belt R. R. Co.	7,000 00		
		324,272 43	
			$473,490 43

Amount brought forward.....		$473,490 43
Taxes due and uncollected for 1892 and previous years.....$1,412,228 00		
Taxes due in 21st and 22d Wards, and uncollected for 1892 and previous years..... 49,690 03		

Estimated Requirements for the Fiscal Year ending December 31, 1893.

DEPARTMENT INSPECTOR OF BUILDINGS.

Repairs of engine houses...	$13,000 00	
" City Jail.....	3,000 00	
" City Hall.....	4,000 00	
" market houses..	5,000 00	
" court houses....	4,000 00	
" dog pound and other property	1,000 00	
" public schools..	14,000 00	
For painting and graining City Hall.....	9,000 00	
Amounts carried forward...	$53,000 00	$473,490 43

Am'ts brought forward...	$53,000 00	$473,490 43
For sanitary and other improvements.....	4,000 00	
For painting school houses,	6,000 00	
For erecting new partitions and storm doors in school houses	1,000 00	
For emptying cesspools...	1,000 00	
For substituting wood or iron for plaster ceilings..	4,000 00	
For incidentals.....	100 00	
For livery of two horses and repairs to wagons.....	600 00	
For salaries	5,500 00	
For extra help.....	3,720 00	
For rental of auxiliary fire-alarm boxes.....	4,200 00	
For amount due Water Department and repairs to water pipes.....	250 00	
For winding clocks at engine houses.....	200 00	
For repairing and painting buildings at Quarantine.	2,400 00	
For grading, painting and fencing No. 19 Grammar and No. 1 English-German Schools.....	2,600 00	
Amounts carried forward...	$88,570 00	$473,490 43

Am'ts brought forward...	$ 88,570 00	$473,490 43
For completion of No. 3 Colored School.....	10,100 00	
For completion of English-German School No. 1....	3,000 00	
For completion of additional story English-German School No. 1.....	8,000 00	
For fitting up room in English-German School No. 1.....	350 00	
For extension of 5th Regiment Armory.....	4,500 00	
		114,520 00

DEPARTMENT OF HEALTH.

Salaries.....	$39,200 00	
General Health.....	18,000 00	
Nuisances and sewers.....	16,000 00	
Post mortems.....	1,500 00	
Quarantine hospital.....	20,000 00	
Removing filth from docks,	5,000 00	
Removal of canning and packing house refuse....	5,000 00	
		104,700 00

DEPARTMENT GENERAL SUPERINTENDENT OF LAMPS.

4824 gas lamps burning 4000 hours each, at 5 foot per hour, 96,480,000 cubit feet, at $1.25 per thousand....	$120,600 00	
Amounts carried forward...	$120,600 00	$692,710 43

Am'ts brought forward...	$120,600 00	$692,710 43
28 Gordon lamps at 25 cents each per night.....	2,555 00	
Gas for markets, 3,290,000 cubit feet, at $1.25 per thousand.....	4,112 50	
Gas for squares, 1,500,000 cubit feet, at $1.25 per thousand.....	1,875 00	
Gas for Washington Monument, 85,000 cubit feet, at $1.25 per thousand....	106 25	
200 new gas lamps, 3,000,000 cubit feet, at $1.25 per thousand.....	3,750 00	
Erecting 200 new gas lamps at $7.50 each.....	1,500 00	
New globes and replacing broken ones.....	200 00	
Replacing gas lanterns and reglazing.....	1,000 00	
Repairs of services, painting lanterns and posts	3,000 00	
Repairs to stops, burners, tips, &c.....	1,500 00	
Glass for renewing that broken.....	1,200 00	
Tin, solder, acid and material for repairing lamps..	500 00	
Amounts carried forward...	$141,898 75	$692,710 43

Am'ts brought forward...	$141,898 75	$692,710 43
Livery and incidentals.....	400 00	
40 dozen new miner lamps at $3.75 each.....	1,800 00	
100 new iron posts at $6.00 each.....	600 00	
Repairing gas lanterns at $225.00 per month.....	2,700 00	
Street signs and frames, repairs to wagon and harness, and to gas pipe and pipe in markets and City buildings.....	1,000 00	
Meters, seals, extra help in office.....	200 00	
		148,598 75
1026 electric are lights, at 35 cents each per night.....	131,071 50	
100 additional electric arc lights, 35 cents per night,	11,660 00	
48 incandescent lamps.....	552 00	
		143,283 50
507 gasoline lamps, gasoline and filling, $10 each	5,070 00	
50 additional lamps, gasoline and filling, 6 months.	250 00	
Glass for reglazing and repairs to burners.....	600 00	
Tin, solder, acid and materials for repairs to lanterns	400 00	
Amounts carried forward...	$ 6,320 00	$984,592 68

Am'ts brought forward..	$ 6,320 00	$984,592 68
5 dozen new lanterns at $3.00 each.....	180 00	
Erecting posts, advertising, &c.....	150 00	
Repairs of gasoline lanterns at $25.00 per month.....	300 00	
		6,950 00

DEPARTMENT OF STREET CLEANING.

140 garbage carts and men, at $18.00 per week.....	$131,040 00	
64 street carts and men, at $18.00 per week.....	59,904 00	
132 sweepers and scrapers, at $10.00 per week.....	68,640 00	
Contract for removal of garbage.....	9,500 00	
Salaries.....	9,000 00	
Dumps.....	4,500 00	
Tools and incidentals, machines, sprinkler, horses, harness, brushes, stable rent, &c.....	6,403 00	
		288,987 00

HARBOR BOARD.

Harbor, channels and docks	$50,000 00	
Widening mouth of harbor,	15,000 00	
Amounts carried forward...	$ 65,000 00	$1,280,529 68

Am'ts brought forward...	$65,000 00	$1,280,529 68
Operation and maintenance of ice-boat.....	15,000 00	
Repairs to wharves.....	5,000 00	
Removal of ashes from tow-boats.....	1,600 00	
		86,600 00

DEPARTMENT PUBLIC SCHOOLS.

For salaries of teachers, &c., and expenses of the schools, including both Manual Training Schools,	$936,681 00	
For exhibit at World's Fair, balance.....	4,860 00	
		941,541 00

FIRE DEPARTMENT.

Salaries.....	$222,300 00	
Apparatus.....	10,000 00	
Apparatus repairs.....	12,000 00	
Accidents.....	2,500 00	
Feed.....	15,000 00	
Fuel.....	4,000 00	
Furniture.....	2,000 00	
Harness.....	1,500 00	
Horse shoeing.....	2,500 00	
Hose and suction tubes....	8,000 00	
Horses.....	6,000 00	
Amounts carried forward..	$285,800 00	$2,308,670 68

Am'ts brought forward...	$285,800 00	$2,308,670 68
Gas.....	1,600 00	
Oils, paints, &c.....	2,000 00	
Office expenses, messenger's salary and printing report.....	1,000 00	
Rent.....	600 00	
Rent of telephones.....	681 00	
Miscellaneous.....	2,500 00	
Washing.....	2,200 00	
Insurance of members.	1,579 41	
Sick.....	1,000 00	
Pensions for disabled firemen.....	6,800 00	
Police and fire-alarm telegraph.....	25,678 13	
Deficiency for 1892.....	2,910 62	
		334,349 16

INTEREST ON STOCK DEBT.

One year's interest on exempt 6 per cent. stock, 1893.....	$24,621 24	
One year's interest on water 6 per cent. stock, 1894...	15,780 00	
One year's interest on water 5 per cent. stock, 1894...	186,850 00	
Amounts carried forward...	$227,251 24	$2,643,019 84

Am'ts brought forward...	$227,251 24	$2,643,019 84
One year's interest on water 5 per cent. stock, 1916...	250,000 00	
One year's interest on water 4 per cent. stock, 1922...	20,000 00	
One year's interest on water 4 per cent. stock, 1926...	40,000 00	
One year's interest on funding 6 per cent. stock, 1900	48,000 00	
One year's interest on funding 5 per cent. stock, 1916	50,000 00	
One year's interest on Harford run 4 per cent. stock, 1920....	10,000 00	
One year's interest on paving 4 per cent. stock, 1920	20,000 00	
One year's interest on consolidated 3½ per cent. stock, 1930.....	175,000 00	
One year's interest on consolidated 6 per cent. stock, 1893.....	132,664 08	
One year's interest on park improvement 6 per cent. stock, 1895.....	11,143 42	
One year's interest on Jones' falls 6 per cent. stock, 1900.....	48,000 00	
Amounts carried forward..	$1,032,058 74	$2,643,019 84

Am'ts brought forward..	$1,032,058 74	$2,643,019 84
One year's interest on Jones' Falls 5 per cent. stock, 1900	47,850 00	
One year's interest on Jones' Falls $3\frac{65}{100}$ per cent. stock, 1900	17,629 50	
One year's interest on Jones' Falls $3\frac{1}{2}$ per cent. stock, 1900	5,600 00	
One year's interest on Jones' Falls 3 per cent. stock, 1900	3,000 00	
One year's interest on City Hall 6 per cent. stock, 1900	60,000 00	
One year's interest on City Hall 6 per cent. stock, 1902	30,000 00	
One year's interest on Western Maryland Railroad 6 per cent. stock, 1902	60,000 00	
One year's interest on Western Maryland Railroad 4 per cent. stock, 1925	27,360 00	
One year's interest on Western Maryland Railroad $3\frac{1}{4}$ per cent. stock, 1927	55,380 00	
Amounts carried forward..	$1,338,878 24	$2,643,019 84

Am'ts brought forward..		$1,338,878 24	$2,643,019 84
One year's interest on internal improvement 3½ per cent. stock, 1928.....		169,750 00	
One year's interest on Harford Run 4 per cent. stock, 1904.....		14,000 00	
One year's interest on Patterson Park 4 per cent. stock, 1920.....		8,000 00	
One year's interest on Western Maryland third mortgage bonds.....		52,500 00	
Less:		$1,583,128 24	
Interest paid by Commissioners of Finance	$112,500 00		
Interest paid by Water Board	512,630 00		
Interest paid by Western Maryland Railroad Comp'y	82,740 00		
Interest paid by Park Board..	8,000 00		
		715,870 00	
			867,258 24
Amount carried forward....			$3,510,278 08

Amount brought forward		$3,510,278 08

DEPARTMENT OF POLICE.

Salaries of the Commissioners	$7,500 00	
Salary of the Secretary	2,000 00	
Salary of the Marshal	2,500 00	
Salary of the Deputy Marshal	2,000 00	
Pay of Force	743,860 00	
Pay of Physicians	2,250 00	
Maintenance of Station Houses, &c	27,068 00	
Pay of fifteen additional Probation Officers, at $12 per week	9,360 00	
Pay of two additional Lieutenants, at $25 per week	2,600 00	
Pay of fourteen Matrons, at $10 per week	7,280 00	
Pay of Assistant Secretary	1,200 00	
Additional pay of Force, due 31st December, paid January 3d, 1893	29,123 07	
		836,741 07

CERTAIN EXPENSES.

Criminal Court	$60,000 00	
Baltimore City Court	13,000 00	
Amounts carried forward	$73,000 00	$4,347,019 15

Am'ts brought forward..	$73,000 00	$4,347,019 15
Court of Common Pleas....	12,000 00	
Superior Court.....	13,000 00	
Orphans' Court.....	8,000 00	
Circuit Court.....	2,800 00	
Circuit Court No. 2.....	2,500 00	
Supreme Bench.....	3,025 00	
Coroners.....	4,975 00	
Judgments and suits..	8,000 00	
Jail.....	55,000 00	
Registration.....	42,000 00	
Magistrates.....	17,000 00	
Removed cases.....	3,000 00	
		244,300 00

OPENING STREETS AND ALLEYS.

Patapsco alley, from Fort avenue to Ostend street, balance.....	$ 715 14	
Race street, from Cross street to Fort avenue, balance.....	946 60	
Burke street, from Baltimore street to Monument street, balance.....	231 00	
Patapsco alley, from Ostend street to West street, balance.....	269 75	
Amounts carried forward...	$2,162 49	$4,591,319 15

Am'ts brought forward..	$ 2,162 49	$4,591,319 15
Cooksie street, from Clement street to Cuba street, balance.....	75 00	
Chew street, from Wolfe street to Chester street, balance.....	8,313 59	
Federal street, from Aisquith street to Eden street, balance.....	15,119 69	
Hollins street, from old City limits to Catharine street,	38,894 85	
Hollins street, from Calverton road to the Western line of the old City limits,	554 35	
Pinkney street, from Cross street to Stockholm street,	4,607 70	
Seventh street, from Northwest street to Morris avenue.....	5,021 71	
Eighth street, from Northwest street to Elgin avenue.....	3,790 74	
Northwest street, from Seventh street to Ninth street	158 64	
Amounts carried forward...	$78,698 76	$4,591,319 15

Am'ts brought forward..	$ 78,698 76	$4,591,319 15
Elgin avenue, from Ninth street to Seventh street,	2,966 05	
Myrtle avenue, from Sliing-luff avenue to Ninth street,	7,436 96	
Windsor avenue, from Fourth street to Ninth street	5,518 97	
Clifton avenue, from Ninth street to Fourth street,	9,605 29	
Union Dock, from wharf Baltimore Steam Packet Company to north of Eastern avenue.	48,994 97	
Ninth or Barnum street, from Charles Street avenue to Maryland avenue,	136 33	
Spring street, from Oliver street to Townsend street,	3,025 52	
Holmes or Tenth street, from Charles street to Maryland avenue.....	5,190 51	
Townsend street, from Harford avenue to Caroline street	37,597 61	
Amounts carried forward..	$199,170 97	$4,591,319 15

Am'ts brought forward..	$199,170 97	$4,591,319 15
Henry street, from Randall street to Fort avenue.....	5,103 04	
Brice alley, from Lanvale street to Lafayette avenue.....	1,396 54	
		$205,670 55

CITY POOR.

Bay View Asylum and Insane Department, maintenance.....	$95,000 00	
Transportation of poor.....	1,000 00	
St. Mary's Industrial School	20,000 00	
Mount Hope Retreat	38,000 00	
Maryland Hospital for the Insane.....	24,000 00	
House of Refuge.....	20,000 00	
House of Reformation.....	12,000 00	
College of Physicians and Surgeons Hospital, 100 beds.....	15,845 00	
University of Maryland Hospital, 50 beds.....	8,450 00	
St. Vincent's Infant Asylum	5,000 00	
Nursery and Child's Hospital.....	4,000 00	
Amounts carried forward...	$243,295 00	$4,796,989 70

Am'ts brought forward..	$243,295 00	$4,796,989 70
St. Elizabeth's Colored Orphan Asylum.....	3,000 00	
Home of the Friendless....	2,100 00	
Industrial Home for Colored Girls.....	2,500 00	
Female House of Refuge...	4,000 00	
Maryland Homœpathic Free Dispensary Hospital, 10 beds.....	1,690 00	
Hospital of the Good Samaritan, 10 beds.....	1,690 00	
Deaf and Dumb at Frederick	500 00	
Shelter for the Aged Colored Poor.....	500 00	
Boys' Home Society.....	3,000 00	
St. Mary's Home for Colored Children.....	500 00	
St. Mary's Female Orphan Asylum.....	8,800 00	
Baltimore University Hospital, 30 beds.....	5,070 00	
Maryland General Hospital, 45 beds.....	7,605 00	
St. Joseph's House of Industry.....	1,000 00	
St. Joseph's Hospital, 20 beds.....	3,380 00	
St. Agnes Hospital, 10 beds	1,690 00	
Amounts carried forward..	$290,320 00	$4,796,989 70

Am'ts brought forward..	$290,320 00	$4,796,989 70
Manual Training School, House of Refuge	2,000 00	
Homœpathic Free Dispensary	700 00	
Northeastern Free Dispensary	900 00	
Eastern Free Dispensary...	1,000 00	
Baltimore General Free Dispensary	1,000 00	
Baltimore Medical College Free Dispensary	1,000 00	
Northwestern Free Dispensary	400 00	
College of Physicians and Surgeons Free Dispensary	1,250 00	
Woman and Child's Free Dispensary	500 00	
Baltimore University Free Dispensary	1,000 00	
University of Maryland Free Dispensary	1,000 00	
Baltimore College of Dental Surgery Free Dispensary.	500 00	
Southern Free Dispensary .	1,000 00	
Baltimore Eye, Ear and Throat Charity Hospital Free Dispensary.....	500 00	
Amounts carried forward..	$303,070 00	$4,796,989 70

Am'ts brought forward..	$303,070 00	$4,796,989 70
Maryland Homœpathic Free Dispensary	500 00	
Evening Dispensary for Working Girls.....	700 00	
		$304,270 00

GENERAL EXPENDITURES.

City Council.....	$63,000 00	
General expense	2,000 00	
City and Circuit Court building.....	3,849 00	
Care of Circuit Court No. 2.	941 00	
Care of Court House	6,619 00	
Salaries.....	77,809 39	
City Library.....	9,800 00	
Public printing.....	3,000 00	
Interest and discount on taxes.....	95,000 00	
Superintendent of City Hall	17,425 00	
Mayoralty.....	2,500 00	
Lamplighters	47,500 00	
Transportation to House of Correction.....	400 00	
City property, ground rents.	44,505 94	
Appeal Tax Court, salary of Judges and expenses..	23,600 00	
City Collector, salaries and expenses	33,700 00	
Amounts carried forward..	$431,649 33	$5,101,259 70

Am'ts brought forward..	$431,649 33	$5,101,259 70
Commissioners for Opening Streets	200 00	
Elections	20,000 00	
Dog pound	1,000 00	
Supervisors of Elections...	14,000 00	
Liquor License Commission.	18,000 00	
Winding Maryland Institute clock	75 00	
Ringing mechanics' bells ..	200 00	
General licenses.....	2,000 00	
Sprinkling Mt. Royal avenue and Calvert street...	1,000 00	
Ice-boat Annapolis.....	10,000 00	
Assistance to Examiner of Titles	1,000 00	
State tax on City loans....	35,000 00	
Rent of Circuit Court No. 2.	900 00	
Fire-plugs at Carroll	250 00	
Monument to Maryland Patriots of the American Revolution	2,500 00	
Investigating Western Maryland R. R , Resolution 182 of 1892.....	4,500 00	
		$542,274 33
Amount carried forward....		$5,643,534 03

Am't brought forward...		$5,643,534 03

DEPARTMENT CITY COMMISSIONER.

Repairs of sewers and inlets.	$10,000 00	
Repairs of bridges.....	6,000 00	
Repairs of paved streets...	90,000 00	
Repairs of unpaved streets.	2,000 00	
Paving and repaving in front of City property...	1,500 00	
Paving and repaving cross streets	6,000 00	
Salaries.....	9,900 00	
Livery	800 00	
Incidentals.....	200 00	
Light Street bridge.....	9,000 00	
Flag and stepping-stones...	10,000 00	
Inlets Caroline and Madison streets, balance.....	1,217 93	
Inlets Arch and Raborg streets, balance	207 50	
Inlets McHenry and Pulaski streets, balance	104 50	
Inlets Schroeder's Run sewer, balance	597 27	
Inlets McHenry street, balance	841 95	
Inlets Calhoun Street sewer, balance	86 87	
Amounts carried forward...	$148,456 02	$5,643,534 03

Am'ts brought forward..	$148,456 02	$5,643,534 03
Deficiencies, repairs of bridges	219 43	
Deficiencies, Light Street bridge	415 31	
Inlets Ann and Barnes streets, balance	600 00	
Granite gutter covers Cathedral and Centre streets...	2,956 00	
Iron plates Pratt and Eden streets....	758 99	
Iron plates Pratt and Gilmor streets....	645 00	
Bulkhead Ferry Point road	2,229 02	
Iron plates, unexpended balance.....	1,402 14	
Inlet Hanover and Cross streets.....	1,207 81	
Inlet Central avenue and High alley.....	68 41	
Inlet Central avenue and McElderry street.....	175 36	
		$159,133 49

CITY ANNEX—Comprising the 21st and 22d Wards.

City Commissioner, repairs of streets, roads and bridges.....	$30,000 00	
Amounts carried forward..	$30,000 00	$5,802,667 52

Am'ts brought forward..	$30,000 00	$5,802,667 52
City Commissioner, salaries and livery.....	2,432 00	
Health Department, salaries	3,800 00	
Health Department, nuisance and sewers.....	2,500 00	
Department of Street Cleaning, 13 garbage carts and men, at $18 per week....	12,168 00	
Department of Street Cleaning, 3 street carts, at $18 per week.....	2,808 00	
Department of Street Cleaning, 6 sweepers and scrapers, at $10 per week....	3,120 00	
Department of Street Cleaning, tools.....	75 00	
Department of Street Cleaning, salary of superintendent.....	1,000 00	
Public Schools, salaries of teachers and expenses....	117,000 00	
Department Inspector of Buildings, for completion of Annex School No. 8....	14,077 25	
Department Inspector of Buildings, Smead system for Annex School No. 8..	3,344 00	
Amounts carried forward..	$192,324 25	$5,802,667 52

Am'ts brought forward..	$192,324 25	$5,802,667 52
Department Inspector of Buildings, repairs of City property.....	8,000 00	
Department Inspector of Buildings, extra help....	1,240 00	
Department Inspector of Buildings, livery and repairs to wagon.....	300 00	
Department of Lamps, gas and expenses, new posts, &c.....	17,536 00	
Department of Lamps, deficiency for 1892.....	2,348 88	
Department of Lamps, electric lights.....	1,277 50	
Department of Lamps, gasoline and filling lamps....	7,118 00	
Lamplighters' salaries.....	13,500 00	
Fire Department, salaries..	22,100 00	
Fire Department, apparatus	500 00	
Fire Department, apparatus repairs.....	2,200 00	
Fire Department, accident..	100 00	
Fire Department, feed.....	2,500 00	
Fire Department, fuel.....	300 00	
Fire Department, furniture	300 00	
Fire Department, harness..	250 00	
Amounts carried forward..	$271,894 63	$5,802,667 52

Am'ts brought forward..	$271,894 63	$5,802,667 52
Fire Department, horse shoeing	400 00	
Fire Department, hose	500 00	
Fire Department, horses	2,400 00	
Fire Department, gas	200 00	
Fire Department, oils, paint, &c.	600 00	
Fire Department, rent	360 00	
Fire Department, rent of telephones	120 00	
Fire Department, miscellaneous	150 00	
Fire Department, office expenses	300 00	
Fire Department, washing	250 00	
Fire Department, insurance of members	149 73	
Fire Department, sick	300 00	
Fire Department, Police and Fire-Alarm Telegraph	1,000 00	
	$278,624 36	
Less estimated collection of taxes in arrear	47,000 00	
		$231,624 36
		$6,034,291 88

STATEMENT C.

Estimated Receipts from Taxes in Arrear, and other specified sources of Revenue, for the fiscal year ending December 31, 1893.

Estimated collection of taxes in arrear during the year	$1,075,430 00
State of Maryland for public schools	185,000 00
Liquor licenses	390,000 00
Fines	4,000 00
Baltimore City Jail	6,500 00
Bay View Asylum	2,100 00
Mount Hope Retreat	1,700 00
Maryland Hospital for the Insane	1,100 00
Sale of refuse from streets	1,200 00
Quarantine Hospital	7,000 00
Permits for sheds, signs, &c	9,000 00
City Commissioner, sale of old material.	6,000 00
General Superintendent of Lamps	2,400 00
Market houses and stalls—net	52,000 00
Wharfage, rent of public wharves—net.	22,000 00
Interest on deposits	13,000 00
General license	48,000 00
Auction duties	8,600 00
Chesapeake and Potomac Telephone Co.	6,900 00
	$1,841,930 00

STATEMENT D.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Criminal Court	$59,988 80	$68,000 00	68,000 00		
Baltimore City Court	12,139 15	15,000 00	15,000 00		
Court of Common Pleas	11,449 52	14,000 00	14,000 00		
Superior Court	12,652 74	13,000 00	13,000 00		
Orphans' Court	7,929 07	8,000 00	8,000 00		
Circuit Court	2,794 47	2,800 00	2,800 00		
Circuit Court No. 2	2,425 00	2,500 00	2,500 00		
Supreme Bench	2,970 73	3,025 00	3,025 00		
Coroners	4,975 00	4,975 00	4,975 00		
Fines	622 00	3,983 40			3,983 40
Judgments and suits	7,272 69	3,008 00	3,000 00		8 00
Jail	53,363 72	61,560 99	55,000 00		6,560 99
Registration	39,474 76	42,000 00	42,000 00		
Magistrates	16,418 58	18,000 00	18,000 00		
Removed cases	2,055 99	6,682 21	5,000 00		1,682 21
Certain expenses		224,729 87		224,729 87	
Schools.					
Public Schools	155,031 47	1,014,816 28	155,000 00	671,471 66	188,344 62
Public Schools, salaries	717,114 85	718,500 00	718,500 00		
Public Schools, World's Fair Exhibit	140 00	1,000 00	1,000 00		
Manual Training School	24,996 81	25,000 00	25,000 00		
Manual Training School for Col'd Youths	7,377 54	10,000 00	10,000 00		
Amounts carried forward	$1,141,192 89	$2,260,580 75	$1,163,800 00	$896,201 53	$200,579 22

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$1,141,192 89	$2,260,580 75	$1,163,800 00	$896,201 53	$200,579 22
City Poor		272,711 69		272,711 69	
Bay View	94,893 64	97,136 07	95,000 00		2,136 07
Transportation of Poor	756 14	1,103 72	1,000 00		103 72
Dispensaries	11,950 00	11,950 00	11,950 00		
St. Mary's Industrial School	20,000 00	20,000 00	20,000 00		
Mt. Hope Retreat	38,000 00	39,755 00	38,000 00		1,755 00
Maryland Hospital for the Insane	23,882 16	25,095 00	24,000 00		1,095 00
House of Refuge	19,998 12	20,000 00	20,000 00		
House of Reformation	12,000 00	12,000 00	12,000 00		
College of Physicians and Surgeons Hospital	15,576 72	15,845 00	15,845 00		
University of Maryland Hospital	8,619 87	8,899 86	8,899 86		
St. Vincent's Infant Asylum	5,000 00	5,000 00	5,000 00		
Nursery and Child's Hospital	3,708 30	4,000 00	4,000 00		
St. Elizabeth's Colored Orphan Asylum	3,000 00	3,000 00	3,000 00		
Home of the Friendless	2,100 00	2,100 00	2,100 00		
Industrial Home for Colored Girls	2,500 00	2,500 00	2,500 00		
Female House of Refuge	4,000 00	4,000 00	4,000 00		
Maryland Homœpathic Free Dispensary Hospital	1,642 11	1,690 00	1,690 00		
Hospital of the Good Samaritan	1,397 89	1,690 00	1,690 00		
Deaf and Dumb at Frederick	498 20	500 00	500 00		
Shelter for the Aged Colored Poor	500 00	500 00	500 00		

Boys' Home Society	3,000 00	3,000 00	3,000 00		
St. Mary's Home for Colored Children	500 00	500 00	500 00		
St. Mary's Female Orphan Asylum	8,170 00	8,800 00	8,800 00		
Baltimore University Hospital	5,070 00	5,070 00	5,070 00		
Maryland General Hospital	7,605 00	7,605 00	7,605 00		
St. Joseph's House of Industry	1,000 00	1,000 00	1,000 00		
St. Joseph's Hospital	3,380 00	3,380 00	3,380 00		
St. Agnes Hospital	1,459 67	1,690 00	1,690 00		
Manual Training School, House of Refuge	2,000 00	2,000 00	2,000 00		
Harbor Commission.					
Harbor	47,000 00	47,000 00	47,000 00		
Widening Mouth of Harbor	14,851 09	15,000 00	15,000 00		
Dredging Jones' Falls	15,000 00	15,000 00	15,000 00		
Dredging Spring Gardens	30,000 00	30,000 00	30,000 00		
Removal of Foley's wharf	7,205 42	7,205 42	7,205 42		
Ice-boat F. C. Latrobe	8,662 22	10,000 00	10,000 00		
Repairs of wharves	2,811 91	3,000 00	3,000 00		
New boiler and repairs of tug	6,745 07	6,794 58	6,794 58		
Removing ashes from tow-boats	1,142 78	2,251 23	1,476 23		775 00
Police Department	789,217 61	1,490,653 77	785,000 00	705,653 77	
Street Cleaning Department.					
Cleaning Streets	276,782 85	278,116 05	276,992 00		1,124 05
Health Department.					
Health	18,032 47	18,049 75	18,000 00		49 75
Health, salaries	38,450 00	38,450 00	38,450 00		
Amounts carried forward	$2,699,302 13	$4,804,622 89	$2,722,438 09	$1,874,566 99	$207,617 81

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$2,699,302 13	$4,804,622 89	$2,722,438 09	$1,874,566 99	$207,617 81
Quarantine Hospital	17,975 43	25,249 67	18,000 00		7,249 67
Nuisances	17,120 75	17,190 90	17,188 00		2 90
Removing filth from docks	4,474 25	4,812 00	4,812 00		
Removal of refuse from packing houses	5,000 00	5,000 00	5,000 00		
Post mortems	1,500 00	1,500 00	1,500 00		
Fire Department.					
Salaries and incidentals	319,343 13	320,530 51	320,311 16		219 35
Keyless doors on fire-alarm boxes	1,650 00	1,650 00	1,650 00		
Fire-alarm boxes—various places	4,813 45	4,825 00	4,825 00		
Damage to alarm boxes by electric light wires	1,035 77	1,035 77	1,035 77		
Quarantine telephone line	1,796 24	1,800 00	1,800 00		
Inspector of Buildings' Department.					
Salaries and incidentals	6,200 00	6,200 00	6,200 00		
Extra help—Inspector of Buildings	3,000 00	3,000 00	3,000 00		
Permits for sheds, signs, &c	482 99	8,977 55			8,977 55
Improvements No. 10 Grammar School, &c.	550 00	550 00	550 00		
Building partition in No. 10 School	250 00	250 00	250 00		
Repairing No. 15 Engine House	350 00	350 00	350 00		
Fitting up room in No. 1 English-German School		350 00	350 00		

Repairing and furnishing Sheriff's Office	300 00	300 00	300 00		
Storm doors in school houses	536 83	550 00	550 00		
Building Gram. and Prim. School No. 19	21,057 76	21,065 00	21,065 00		
Repairing and furnishing Armory Woodberry Guards	500 00	500 00	500 00		
Partition in No. 21 Primary School	150 00	150 00	150 00		
Building Public School No. 25	11,362 49	11,362 49	11,362 49		
Addition to No. 20 School	8,999 68	9,000 00	9,000 00		
Building English-German School No. 1	23,933 77	26,000 00	26,000 00		
Wood ceilings, public schools	4,000 00	4,000 00	4,000 00		
Repairs of schools	13,000 00	13,008 00	13,000 00		8 00
Repairs of City property	20,000 00	20,000 00	20,000 00		
Cleaning cesspools	779 75	1,200 00	1,200 00		
Building Grammar School No. 18	30,500 00	30,500 00	30,500 00		
Painting school houses	4,000 00	4,000 00	4,000 00		
Building Colored School No. 3	17,557 68	25,000 00	25,000 00		
Additional story English-German School No. 1	13 34	5,000 00	5,000 00		
Painting Lafayette Market	1,000 00	1,000 00	1,000 00		
Painting Cross Street Market	1,500 00	1,500 00	1,500 00		
Repairs of Criminal Court	400 00	400 00	400 00		
Repaving Belair Market	1,214 39	1,350 00	1,350 00		
Grading and paving yard of School No. 21	3,000 00	3,000 00	3,000 00		
Sanitary and other improvements, public schools	8,000 00	8,000 00	8,000 00		
Completion of Male and Female Grammar School		21,000 00	21,000 00		
City Commissioner's Department.					
Salaries and incidentals	10,439 53	10,800 00	10,800 00		
Vaults and areas		6 00			6 00
Amounts carried forward	$3,267,089 36	$5,426,585 78	$3,327,937 51	$1,874,566 99	$224,081 28

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$3,267,089 36	$5,426,585 78	$3,327,937 51	$1,874,566 99	$224,081 28
Repaving and kerbing Fort avenue		75 00	75 00		
Drain pipe East Baltimore street	1,000 00	1,000 00	1,000 00		
Kerbing Park avenue	5,741 60	8,634 51	8,634 51		
Kerbing Etting street		300 00	300 00		
Bulkhead Ferry Point road	12,770 98	15,000 00	15,000 00		
Repairs of paved streets	91,655 68	92,673 77	92,275 97		397 80
Repairs of unpaved streets	1,360 45	2,000 00	2,000 00		
Repairs of bridges	6,041 63	6,098 71	6,076 13		22 58
Repairs of sewers	9,498 26	17,146 77	10,000 00		7,146 77
Improvement of Harford run	10,493 89	58 00			58 00
Maintenance of floor of Biddle Street bridge		129 84	129 84		
Inlets Central avenue, &c	331 59	400 00	400 00		
Inlets Raborg and Arch streets	142 50	350 00	350 00		
Inlets Schroeder's run	1,518 15	2,115 42	2,115 42		
Inlets Eden and Orleans streets	1,290 70	1,300 00	1,300 00		
Board walk Warner street	299 29	300 00	300 00		
Iron plates Pratt and Gilmor streets	5 00	650 00	650 00		
Iron plates Pratt and Eden streets	841 01	1,600 00	1,600 00		
Inlets Caroline and Madison streets	1,782 07	3,000 00	3,000 00		
Flagstones Cathedral and Centre streets	44 00	3,000 00	3,000 00		
Flagstones Aisquith street	43 40	70 00	70 00		
Building North Avenue bridge	11,583 12	473 79			473 79
Building Douglas Street bridge	17,827 07	35,000 00	7,000 00		28,000 00
Light Street bridge	9,345 94	9,445 73	9,431 73		14 00
Cross streets, paving and repaving	3,303 35	5,000 00	5,000 00		

Paving in front of City property	452 14	1,000 00	1,000 00		
Flag and stepping-stones	7,851 49	10,000 00	10,000 00		
Stone gutters Saratoga and Park streets	374 69	628 52	628 52		
Inlets to sewer McHenry street, &c	1,958 05	2,809 00	2,800 00		
Trapping inlets Calhoun street	179 13	266 00	266 00		
Trapping inlets McHenry and Pulaski sts	295 50	400 00	400 00		
Trapping inlets Foster and McMechen sts	245 44	300 00	300 00		
Inlets Barnes and other streets	5,048 26	7,000 00	7,000 00		
Inlets Cross and Hanover streets	3,992 19	5,200 00	5,200 00		
Paving private alleys	36 40				
Paving Fell's Point Market	156 24				
Shelling East Monument street	492 18	500 00	500 00		
Shelling Monroe street	194 33	200 00	200 00		
Shelling Leadenhall street	300 00	305 00	300 00		5 00
Shelling Point lane	471 17	500 00	500 00		
Iron plates various places	3,569 24	3,950 00	3,950 00		
Iron plates Conway and Barre streets	2,249 00	2,250 00	2,250 00		
Iron plates Hanover and West streets	1,039 64	1,500 00	1,500 00		
Federal Street sewer	4,195 71	4,500 00	4,500 00		
Triangular space Park avenue	599 91	600 00	600 00		
Flagstones head of docks	685 89	855 60	875 60		
Shelling East Baltimore and Fayette sts	1,383 44	1,500 00	1,500 00		
Iron plates Patterson avenue	288 98	850 00	850 00		
Iron plates Argyle avenue	699 39	700 00	700 00		
Repairing Falls road	4,975 51	5,000 00	5,000 00		
Trapping inlets Central avenue and McElderry street		175 36	175 36		
Park Commission.					
Park Board	208,667 25	199,234 55			199,234 55
Music in the parks	3,000 00	3,000 00	3,000 00		
Amounts carried forward	$3,707,410 22	$5,885,641 75	$3,551,640 99	$1,874,566 99	$459,433 77

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$3,707,410 22	$5,885,641 75	$3,551,640 99	$1,874,566 99	$459,433 77
Harlem Park	3,998 30	3,349 30			3,349 30
Madison Square	1,847 68	1,734 66			1,734 66
Eastern Fountain	1,703 91	1,619 27			1,619 27
Franklin Square	1,346 17	1,477 00			1,477 00
Union Square	1,059 95	1,093 45			1,093 45
Perkins Spring Square	1,300 00	1,190 28			1,190 28
Park Place Square	930 88	1,000 00			1,000 00
Lafayette Square	3,648 51	3,709 35			3,709 35
Jackson Square	1,274 34	1,282 81			1,282 81
Johnston Square	1,592 64	1,600 00	1,600 00		
Mt. Vernon Squares	1,200 00	1,199 96			1,199 96
Broadway Squares, 1st division	2,271 34	2,329 41			2,329 41
Broadway Squares, 2d division	2,950 00	2,950 00			2,950 00
Broadway Squares, 3d division	2,998 92	2,999 72			2,999 72
Eutaw Squares, 1st division	1,779 19	1,507 66			1,507 66
Eutaw Squares, 2d division	1,942 06	1,979 12			1,979 12
Ashland Square	124 81	98 43			98 43
Wilkens Avenue Squares	2,116 44	2,877 47			2,877 47
Fulton Avenue Squares and Baker Circle	4,081 95	4,081 88			4,081 88
Taney Place Square	299 13	248 63			248 63
Mt. Royal Avenue Squares	2,986 13	2,989 53			2,989 53
General Superintendent of Lamps.					
Inspecting and sealing gas meters		2 114 25			2,114 25

Gas	132,571 58	133,647 18	133,500 03		147 15
Gasoline	7,249 67	8,255 87	8,025 00		230 87
Electric lights	123,903 85	127,000 00	127,000 00		
General Expenditures.					
City Council	61,406 41	63,000 00	63,000 00		
General expense	1,336 64	2,000 00	2,000 00		
City and Circuit Court building	4,139 37	4,269 50	4,247 50		22 00
Care of Circuit Court No. 2	899 91	963 00	963 00		
Court House	5,397 55	6,194 00	6,194 00		
Lafayette Market	262 63	2,546 60			2,546 60
Centre Market	682 64	6,118 60			6,118 60
Belair Market	553 26	8,099 90			8,099 90
Fell's Point Market	510 85	6,559 70			6,559 70
Lexington Market	674 80	12,822 80			12,822 80
Richmond Market	413 00	2,091 35			2,091 35
Hanover Market	441 96	5,272 60			5,272 60
Cross Street Market	330 68	4,685 95			4,685 95
Hollins Market	336 00	3,630 55			3,630 55
Northeast Market	315 75	1,991 55			1,991 55
Canton Market	192 21	514 10			514 10
Cross Street Hall	34 75	159 00			159 00
Hollins Hall	135 50	306 00			306 00
Broadway Hall	40 00	135 00			135 00
Wharfage	7,547 29	29,303 36			29,303 36
Wharfage, 6th district	20 00	100 00			100 00
Salaries	77,808 39	77,808 39	77,808 39		
City Library	6,468 19	7,365 09	7,300 00		65 09
Public Printing	5,168 56	5,384 30	5,195 30		189 00
Interest	96,113 32	214,445 09	70,000 00	128,585 99	15,859 10
Interest on stock debt	1,503,491 22	2,231,971 24	1,547,781 24		684,190 00
Amounts carried forward	$5,787,308 55	$8,895,714 65	$5,606,255 45	$2,003,152 98	$1,286,306 22

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$5,787,308 55	$8,895,714 65	$5,606,255 45	$2,003,152 98	$1,286,306 22
Superintendent of the City Hall	16,377 30	17,262 00	17,235 00		27 00
Mayoralty	2,295 80	2,526 25	2,500 00		26 25
Lamplighters	47,125 43	46,930 00	46,930 00		
Special appropriations	4,858 56	4,858 56	4,858 56		
Transportation to House of Correction	163 20	400 00	400 00		
City property	10,573 21	11,612 71	11,452 71		160 00
Appeal Tax Court	382 26	400 00	400 00		
City Collector	54,093 95	54,200 00	54,200 00		
Commissioners for Opening Streets	173 84	200 00	200 00		
Elections	19,307 51	20,000 00	20,000 00		
Dog Pound	900 24	1,721 75	1,500 00		221 75
Supervisors of Elections	12,072 54	13,400 00	13,400 00		
Liquor License Commission	13,995 15	14,000 00	14,000 00		
Inspector of Gas and Oils (livery)	315 53	350 00	350 00		
Maryland Institute	6,000 00	6,000 00	6,000 00		
Winding Maryland Institute clock	75 00	75 00	75 00		
Ringing Mechanics' bells	200 00	200 00	200 00		
Tax sales	3,217 95	5,618 42			5,618 42
Water Board	894,195 79	781,790 95			781,790 95
Drinking fountain North and Madison avenues	75 00	75 00	75 00		
Drinking fountain Block street	75 00	75 00	75 00		
Drinking fountain Valley and Biddle sts.		70 00	70 00		
Drinking fountain Greenmount avenue and Hoffman street	70 00	70 00	70 00		

Drinking fountain Bayard and Cleveland streets	75 00	75 00	75 00		
Drinking fountain Foster avenue and Port street	75 00	75 00	75 00		
Drinking fountain Myrtle and Fremont avenues	75 00	75 00	75 00		
Drinking fountain McHenry street and Goldsmith alley	75 00	75 00	75 00		
Drinking fountain Poppleton and Saratoga streets	75 00	75 00	75 00		
Drinking fountain Fremont and Patterson avenues		75 00	75 00		
Drinking fountains various places	225 00	600 00	600 00		
Fire-plugs various places	525 00	600 00	600 00		
Fire-plug Fell's Point Market	50 00	50 00	50 00		
Fire-plug Pulaski and Ramsay streets	100 00	100 00	100 00		
Fire-plug Ridgely and Barre streets	75 00	75 00	75 00		
Fire-plug Block street	75 00	75 00	75 00		
Fire-plug Lehman and Brunswick streets		75 00	75 00		
Water mains Wilkens avenue	1,500 00	1,500 00	1,500 00		
General licenses	1,558 05	50,432 75	2,000 00		48,432 75
City seal		19 00			19 00
Liquor licenses		380,315 14			380,315 14
Refunded taxes	2,414 70				
Sale of old material		704 33			704 33
Auction duties		8,669 67			8,669 67
Sprinkling Mt. Royal avenue and Calvert street	1,000 00	1,000 00	1,000 00		
Enoch Pratt Free Library	50,000 00	50,000 00	50,000 00		
Direct tax		1,229,827 92		1,229,827 92	
Miscellaneous stocks		787,704 75		787,704 75	
Opening streets		92,013 84		92,013 84	
Amounts carried forward	$6,931,749 56	$12,481,762 69	$5,856,741 72	$4,112,699 49	$2,512,291 48

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$6,931,749 56	$12,481,762 69	$5,856,741 72	$4,112,699 49	$2,512,291 49
Water tax		54,608 85		54,608 85	
Renumbering houses		2 25		2 25	
General Sinking Fund	129,736 07	129,736 07		129,736 07	
Water 1926 Loan Sinking Fund	26,608 48	26,608 48		26,608 48	
Internal Improvement 1928 Loan Sinking Fund	78,502 37	78,502 37		78,502 37	
Ice-boat Annapolis	7,500 00	10,000 00	10,000 00		
Assistance to Examiner of Titles	1,050 00	1,050 00	1,000 00		50 00
Telephone conduits		6,953 70			6,953 70
State tax on City loans	30,257 95	29,531 50	23,000 00		6,531 50
Rent of Circuit Court No. 2	900 00	900 00	900 00		
Intestate estates	1,937 55	1,937 72			1,937 72
New City Code	2,008 78	2,800 00	2,800 00		
Condemnation of land in Druid Hill Park	4,902 25	5,243 58			5,243 58
Turnpike dividends		271 15			271 15
Lot for Colored School No. 3		2,000 00	2,000 00		
Furniture for Hollins Hall	276 48	300 00	300 00		
Sale of City property	577 65	11,353 00			11,353 00
Two gas lamps Barclay Place		50 00	50 00		
Hose for various markets	465 30	500 00	500 00		
Weights and measures for new inspector	219 00	219 00	219 00		
Fourth Battalion Infantry, M. N. G	3,000 00	3,000 00	3,000 00		
Building annex to jail	3,470 94	3,500 00	3,500 00		
Conscience Fund		6,766 56			6,766 56
Purchase of land for Federal Hill Park	7,813 87	7,813 87			7,813 87

Purchase of lot Madison avenue, Eutaw Place, Robert street, &c		500 00	500 00		
Opening Castle alley	1,945 83	2,380 83	1,625 83	320 00	435 00
Opening Pinkney street	146 56	895 60		895 60	
Opening Allen street	28,246 70	29,149 10	18,281 74	10,481 25	386 11
Opening McCulloh street	2,454 45				
Opening Stockholm street	137 75				
Opening Randall street	125 00				
Opening Webster street	75 00				
Opening Clare street	2,216 72	2,216 72	1,830 72	386 00	
Opening Ridgely street	473 39				
Opening Luzerne street	42 50				
Opening Forrest street	47 38				
Opening Ducatel street	241 71				
Opening property between East and Chesnut streets	46 50				
Opening Covington street	373 05				
Opening Northwest street	106 00	585 00			585 00
Opening Wolfe street	42 50				
Opening a 10-foot alley north of First street	48 63				
Opening Pulaski street	159 00				
Opening Payson street	161 00				
Opening Windsor avenue	81 00				
Opening Myrtle avenue	287 70	55 00			55 00
Opening North avenue	134 15				
Opening Riggs avenue		425 00			425 00
Opening Clifton avenue	83 50				
Opening Elgin avenue	83 50				
Opening Douglas street		2,405 00			2,405 00
Opening Seventh street	93 25				
Opening Ninth street	100 88	155 50		155 50	
Opening Tenth street	85 43				
Amounts carried forward	$7,269,015 33	$12,904,178 54	$5,926,279 01	$4,414,395 86	$2,563,503 67

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$7,269,015 33	$12,904,178 54	$5,926,279 01	$4,414,395 86	$2,563,503 67
Opening Port alley	38 25				
Opening Townsend street	379 35	1,069 93		1,069 93	
Opening Lanvale street	38 25				
Opening Dallas street	38 25				
Opening Bethel street	163 25				
Opening Eighth street	100 75				
Opening Hollins street	132 37	403 50		150 50	253 00
Opening Ward street	162 75				
Opening Penn street	35,941 32	39,741 92	35,901 92		3,840 00
Opening Madison street	8 00				
Opening Cleveland street	63 25				
Opening West Baltimore street	20 00				
Opening Porter street	8 00				
Opening Whitelock street	566 25				
Opening Cooksie street	829 00	779 56	288 24	491 32	
Opening Patapsco street	1,600 00	2,584 89	2,584 89		
Opening Henry street	120 78				
Opening Eutaw street	198 93				
Opening Dorsey's or Kirby's lane	75 00				
Opening Belvidere street	27 60	27 60		27 60	
Opening Spring street	61 68	1,351 91		1,351 91	
Opening Burke street	5,833 33	6,064 33	3,740 33	2,324 00	
Opening Brevard street	12,033 33	11,041 33	8,816 33	2,225 00	
Opening Beason street	222 25				
Opening Etting street	110 05				

Opening Brice alley	95 90				
Opening Boulden street	490 00				
Opening Ludlow street	159 03				
Opening Ensor street	304 12				
Opening Burrow street	137 50				
Opening Federal street	8,300 00	23,419 69	23,419 69		
Opening West street	65 90				
Opening and widening St. Paul street	150 35				
Opening Eastern avenue	79 97				
Opening Fulton street	15 75				
Opening Chew street		8,313 59	8,313 59		
Opening Race street		946 60	946 60		
Closing Belvidere street	1,096 65	1,096 15	1,096 15		
Closing Half-Moon alley	42 50				
Closing Sumwalt lane	105 80				
Closing Fourth street	15 00				
Closing Morris alley	15 00				
Closing Truxton street	18 75				
Widening Union dock	63 65	6,500 00		6,500 00	
Closing Comet street	45 25				
Paving interest		2 12		2 12	
Paving Mount street	78 00	36 00			36 00
Paving Monroe street	2,534 49				
Paving Federal street	2,173 81				
Paving Oliver street	747 17				
Paving Mt. Royal avenue		15 20		15 20	
Paving Lanvale street	86 47				
Paving Washington avenue	558 02				
Paving Fulton avenue	599 28				
Paving Patapsco street	471 26	500 00	500 00		
Internal Improvement 1928 Loan	9,070 92	1,889,770 92			1,889,770 92
Lovegrove Alley sewer	697 42				
Amounts carried forward	$7,356,005 28	$14,897,843 78	$6,011,886 75	$4,428,553 44	$4,457,403 59

STATEMENT D—Continued.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$7,356,005 28	$14,897,843 78	$6,011,886 75	$4,428,553 44	$4,457,403 59
Jenkins Run sewer	5,228 94				
Pulaski Street sewer	3,528 37				
Carey Street relief sewer	101,163 41				
Wolfe Street sewer	9,922 55				
Pulaski and Franklin Street sewer	22,981 28				
Cross Street sewer	19,837 55				
Fremont Street sewer	7,512 93				
Hoffman Street sewer	6,437 93				
Ann and Gay Street sewer	227 81				
Druid Hill Avenue sewer	54,569 32				
Eden Street sewer	30,539 67				
Read Street sewer	24,747 30				
Presbury Street sewer	130 57				
Fulton Avenue and Eagle Street sewer	44,428 66				
Bush Street sewer	39,689 46				
Eager Street sewer	46 38				
Penn Street sewer	16,275 89				
Rebuilding Light Street bridge	2,197 41				
Paving streets around Richmond Market	788 00				
Paving streets around Lafayette Market	1,576 60				
Patterson Park extension	54,291 87	2 46			2 46
Paving Eutaw street	86 00				
Paving Calvert street	23,961 91				
Paving Lafayette avenue	81,501 44				
Paving Mulberry street	12,977 05				

Paving South street	2,500 07				
Paving Chase street	10,585 34				
Paving Arlington avenue	17,092 88				
Paving West Lexington street	64,781 12				
Paving East Lexington street	14,687 40				
Paving Dolphin street	604 95				
Paving Columbia avenue	87,471 36	1 67			1 67
Paving Broadway	182,540 35				
Paving Pennsylvania avenue	69,812 76				
Paving Hanover street	10,658 75				
Paving Fayette and Lexington streets	3,627 26				
Paving East Baltimore street	2,995 17				
Widening Fayette street	729,293 67	152,190 59		102,842 09	49,348 50
Widening East Baltimore street	23,504 18	29,509 84		2,749 84	26,760 00
City Annex.					
General Superintendent of Lamps.					
Gas	13,472 09	13,709 75	13,709 75		
Gasoline	5,420 90	5,420 90	5,420 90		
Electric lights	470 50	1,184 40	1,184 40		
Fire Department.					
Salaries and incidentals	33,146 95	33,146 95	33,146 95		
Fire-plugs at Carroll	250 00				
Cleaning streets	17,417 71	18,220 00	18,220 00		
Health Department.					
Health, salaries	3,800 00	3,800 00	3,800 00		
Nuisances	2,425 51	2,500 00	2,500 00		
Amounts carried forward	$9,217,212 50	$15,157,530 34	$6,089,868 75	$4,534,145 37	$4,533,516 22

STATEMENT D—Concluded.

NAMES OF ACCOUNTS.	FACE OF LEDGER.		Appropriations.	Received from Collector of Taxes.	Received from other sources.
	DR.	CR.			
Amounts brought forward	$9,217,212 50	$15,157,530 34	$6,089,868 75	$4,534,145 37	$4,533,516 22
Schools.					
Public Schools	19,132 71	20,500 00	20,500 00		
Public Schools, salaries	83,853 25	84,000 00	84,000 00		
Inspector of Buildings' Department.					
Repairs of City property	4,994 16	5,000 00	5,000 00		
Building Annex School No. 8	10,922 75	12,500 00	12,500 00		
Building Annex School No. 10	15,000 00	15,000 00	15,000 00		
Building Annex School No. 11	11 706 06	11,720 92	11,720 92		
Building No. 18 Engine House	9,798 87	8,000 00	8,000 00		
City Commissioner's Department.					
Repairs of streets, roads, &c	27,725 56	28,754 88	28,432 00		322 88
Raising Gwynn's Falls bridge	7 50	14 00			14 00
Repairing Wilkens avenue	596 45	600 00	600 00		
Repairing Slingluff avenue	396 17	400 00	400 00		
Repairing Chestnut Hill avenue	8 83	16 96	16 96		
Repairing Cedar avenue	133 75	134 31	134 31		
Repairing Loudon avenue	392 55	400 00	400 00		
Repairing Millington avenue	496 20	500 00	500 00		
Repairing Augusta avenue	345 80	350 00	350 00		

Repairing Rayner avenue	443 72	450 00	450 00		
Repairing Third avenue	752 75	1,000 00	1,000 00		
Repairing Gorsuch avenue	148 16	151 64	151 64		
Repairing Old Frederick road	995 87	1,000 00	1,000 00		
Repairing Carroll street	469 10	500 00	500 00		
Repairing Hollins street	396 41	400 00	400 00		
Repairing Lombard street	390 34	400 00	400 00		
Repairing Park Heights avenue	491 40	500 00	500 00		
Repairing Hickory and Roland avenues	92 00	96 77	96 77		
Repairing Finnmore, Jackson and Washington streets, &c	4,942 74	5,000 00	5,000 00		
Graveling Fulton avenue	962 78	1,000 00	1,000 00		
City Collector	2,599 92	2,600 00	2,600 00		
Interest	3,185 31	4,058 54		4,058 54	
Direct tax		164,871 81		164,871 81	
Refunded taxes	134 47				
Special assessment	1,008 14				
Lamplighters	12,389 16				
Mayor and City Council	6,290,521 35				
Cash	9,236,928 82	9,432,155 35			
	$24,959,605 52	$24,959,605 52	$6,290,521 35	$4,703,075 72	$4,533,853 10

STATEMENT E.

Receipts and Disbursements from Dec. 31st, 1891, to Dec. 31st, 1892.

	Receipts.	Disbursements.
January	$259,956 53	$742,064 61
February	939,250 03	448,989 84
March	394,555 67	476,072 48
April	500,957 32	542,125 82
May	1,043,253 39	1,090,060 50
June	2,272,629 56	995,656 05
July	1,235,876 36	987,604 63
August	270,599 02	646,134 46
September	194,833 14	722,953 54
October	366,986 50	890,443 41
November	566,394 49	1,241,243 65
December	1,191,636 81	648,806 36
	$9,236,928 82	$9,432,155 35
Balance Dec. 31st, 1891.	458,267 01	
Balance Dec. 31st, 1892.		263,040 48
	$9,695,195 83	$9,695,195 83

STATEMENT F.

Statement showing the Monthly Returns of the "Keepers of the Standards of Weights and Measures," from March 1st, 1892, to December 31st, 1892.

1892.	N.W. Dist.	S.W. Dist.	N. E. Dist	S. E. Dist.	Soth. Dist.	Totals.
March	$235 50	$240 85	$235 37	$277 25	$247 15	$1,236 12
April	304 28	304 00	305 75	283 79	302 52	1,500 34
May	303 89	303 35	302 73	246 73	307 08	1,463 78
June	277 40	200 24	197 80	108 65	202 69	986 78
July	157 39	64 80	135 72	197 03	120 17	675 11
August	203 27	95 00	167 37	109 07	112 35	687 06
September	174 17	23 00	87 92	44 73	60 70	390 52
October	89 14	35 25	47 52	72 17	34 43	278 51
November	52 38	11 85	17 31	21 15	19 31	122 00
December	18 99	9 50	10 73	22 60	18 08	79 90
Totals	$1,816 41	$1,287 84	$1,508 22	$1,383 17	$1,424 48	$7,420 12

COMMUNICATIONS.

OFFICE INSPECTOR OF BUILDINGS—CITY HALL.

BALTIMORE, December 31st, 1892.

JOHN A ROBB, ESQ., *City Register:*

DEAR SIR—The appropriations required for this Department for the year 1893 are as follows:

For repairs of City property—		
For engine houses	$13,000 00	
For City Jail	3,000 00	
For City Hall	4,000 00	
For market houses	5,000 00	
For court houses	4,000 00	
For dog pound and other property	1,000 00	
		$30,000 00
For repairs of public schools		14,000 00
For painting and graining City Hall		9,000 00
For sanitary and other improvements		4,000 00
For painting school houses		6,000 00
For erecting new partitions and storm-doors in school houses		1,000 00
Amount carried forward		$64,000 00

Amount brought forward	$64,000 00
For emptying cesspools.....	1,000 00
For substituting wood or iron for plaster ceilings.....	4,000 00
For incidentals.....	100 00
For livery of two horses and repairs to wagons.....	600 00
For salaries.....	5,500 00
Extra help.....	3,720 00
For rental of auxiliary fire-alarm boxes in school houses.....	4,200 00
Due Water Department and repairs to water pipes.....	250 00
For winding clocks at engine houses.....	200 00
For repairing and painting buildings at Quarantine Hospital..	2,400 00
For grading, paving and fencing of No. 19 Grammar and No. 1 English-German Schools.....	2,600 00
For the completion of No. 3 Colored School.....	10,100 00
For the completion of No. 1 English-German School.....	3,000 00
For the completion of additional story German School No. 1...	8,000 00
For fitting up room in English-German No. 1.....	350 00
Amount carried forward.....	$110,020 00

Amount brought forward	$110,020 00
For the completion of Annex School No. 8.....	14,077 25
For the Smead system, Annex School No. 8.....	3,344 00
For the extension 5th Regiment Armory	4,500 00
For the repairs City property, Annex	8,000 00
For extra help, Annex.....	1,240 00
For livery of one horse and repair to wagon, Annex.....	300 00
	$141,481 25

Yours with respect,

J. THEO. OSTER,

Inspector of Buildings.

OFFICE OF THE COMMISSIONERS OF PUBLIC SCHOOLS,
CITY HALL.

BALTIMORE, January 4th, 1893.

MR. JOHN A. ROBB, *Register:*

DEAR SIR—The following are the estimated amounts required for expenditure by this Board for school purposes during the year 1893, namely:

For the schools in the first 20 wards, including the two Manual Training Schools	$936,681 00
For the schools in the Annex	117,000 00
For Exhibit at World's Fair, balance	4,860 00
	$1,058,541 00

It is the desire of this Board, and I think the desire of yourself and the Comptroller, that the appropriations be made in the aggregate as given above. You will find it itemized on the accompanying paper.

Respectfully submitted,

HENRY M. COWLES,

Secretary.

ITEMIZED ESTIMATES FOR 1893.

For salaries, first 20 wards	$750,000 00
For rents of houses first 20, wards	8,000 00
For books and stationery, first 20 wards	48,000 00
For heating apparatus and its repairs, first 20 wards	11,000 00
For furniture, first 20 wards	30,000 00
For fuel, first 20 wards	30,000 00
For repairs and cleaning, first 20 wards	12,000 00
For incidentals, printing, supplies, &c., first 20 wards	11,000 00
For Manual Training School	26,110 00
For Manual Training School, Colored	10,571 00
	$936,681 00

Amount brought forward..		$936,681 00
For Annex, salaries.....	$96,000 00	
For Annex, rents.....	2,500 00	
For Annex, books and stationery.....	4,500 00	
For Annex, heating apparatus	2,000 00	
For Annex, furniture.....	6,500 00	
For Annex, fuel.....	2,500 00	
For Annex, repairs and cleaning.....	1,500 00	
For Annex, incidentals.....	1,500 00	
		117,000 00
World's Fair Exhibit.....		4,860 00
		$1,058,541 00

OFFICE OF COMMISSIONER OF STREET CLEANING,
CITY HALL.

BALTIMORE, January 3d, 1893.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimate of expenses for the Department of Street Cleaning for the year 1893:

140 garbage carts and men at, $18 per week.	$131,040 00
64 street carts and men at, $18 per week..	59,904 00
132 sweepers and scrapers, at $10 per week.	68,640 00
Amount carried forward.....	$259,584 00

Amount brought forward	$259,584 00
Contract for removal of garbage	9,500 00
Salaries	9,000 00
Dumps	4,500 00
Tools and incidentals, including machines, sprinkler, horses, harness, brushes, stable rent, &c	6,403 00
	$288,987 00

CITY ANNEX.

13 garbage carts and men at, $18 per week	$12,168 00
3 street carts and men at, $18 per week	2,808 00
6 sweepers and scrapers at, $10 per week	3,120 00
Tools	75 00
Salary of Superintendent	1,000 00
	$19,171 00

Respectfully submitted,

B. E. SMITH,

Commissioner of Street Cleaning.

OFFICE OF THE BOARD OF SUPERVISORS OF ELECTIONS IN THE CITY OF BALTIMORE—CITY HALL.

BALTIMORE, December 28th, 1892.

JOHN A. ROBB, ESQ., *City Register:*

SIR—The estimated expenses for the Board of Supervisors of Elections for the year 1893, are as follows:

Three (3) Supervisors, each $1,800	$5,400 00
Counsel to Board	1,800 00
Extra Counsel to Board	1,500 00
Clerk to Board	1,800 00
Extra clerical help and incidentals	3,500 00
Total	$14,000 00

By order of the Board of Supervisors,

J. N. FOSTER,

Clerk.

OFFICE OF THE BOARD OF SUPERVISORS OF ELECTIONS IN THE CITY OF BALTIMORE—CITY HALL.

BALTIMORE, December 28th, 1892.

JOHN A. ROBB, ESQ., *City Register:*

SIR—The Board of Supervisors of Elections estimate the expense of registration for the year 1893 at forty-two thousand dollars ($42,000), and of elections at twenty thousand dollars ($20,000).

By order of the Board of Supervisors,

J. N. FOSTER,

Clerk.

HEALTH DEPARTMENT.

BALTIMORE, December 31st, 1892.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following estimates for the expenses of the Health Department for the year 1893, have been carefully made up and are based upon the experience of absolute necessities:

Salaries	$39,200 00
General Health	18,000 00
Nuisances and sewers	16,000 00
Post mortems	1,500 00
Quarantine Hospital	20,000 00
Removing filth from docks	5,000 00
Removal of canning and packing house refuse	5,000 00
	$104,700 00

CITY ANNEX.

Salaries	$3,800 00
Nuisances and sewers	2,500 00
	$6,300 00

Respectfully yours,

JAMES F. MCSHANE,

Commissioner of Health.

Showing the amounts required for the City Commissioner's Department for the year ending 31st December, 1893:

On what account.	Amounts.
Repairs of sewers and inlets	$10,000 00
Repairs of bridges	6,000 00
Repairs of paved streets	90,000 00
Repairs of unpaved streets	2,000 00
Paving and repaving in front of City property	1,500 00
Paving and repaving cross streets	6,000 00
Salaries	9,900 00
Livery	800 00
Incidentals	200 00
Light Street bridge	9,000 00
Flag and stepping-stones	10,000 00
Inlets Caroline and Madison streets, to be reappropriated	1,217 93
Inlets Arch and Raborg streets, to be reappropriated	207 50
Inlets McHenry and Pulaski streets, to be reappropriated	104 50
Inlets Schroeder's Run sewer, to be reappropriated	597 27
Inlets McHenry street, to be reappropriated	841 95
Amount carried forward	$148,369 15

Amount brought forward	$148,369 15
Inlets Calhoun Street sewer, to be reappriated	86 87
Deficiencies, repairs of bridges	219 43
Deficiencies, Light Street bridge	415 31
Inlets Ann and Barnes streets, to be reappropriated	600 00
Repairs of streets, roads and bridges in the Annex	30,000 00
Salaries and livery in the Annex	2,432 00
Gutter covers, granite, Cathedral and Centre streets	2,956 00
Iron plates Pratt and Eden streets	758 99
Iron plates Pratt and Gilmor streets	645 00
Bulkhead Ferry Point road	2,229 02
Iron plates, unexpended balances	1,402 14
Inlets Hanover and Cross streets	1,207 81
Inlets Central avenue and High alley	68 41
Inlets Central avenue and McElderry st.	175 36
	$191,565 49

HARBOR BOARD OF BALTIMORE—ENGINEER'S OFFICE.

BALTIMORE, January 5th, 1893.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—I am directed by the Harbor Board to submit the following estimate of amounts required for the fiscal year of 1893:

Harbor, channels and docks	$50,000 00
Widening mouth of harbor	15,000 00
Operation and maintenance of ice-boat	15,000 00
Repairs to wharves	5,000 00
Removal of ashes from tow-boats	1,600 00
	$86,600 00

Respectfully, &c.,

N. H. HUTTON,

Engineer.

CITY AND CIRCUIT COURT BUILDING.

BALTIMORE, January 4th, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—The following is the estimate for this department for the year ending December 31st, 1893:

Superintendent's salary	$1,000 00
Watchman	900 00
Janitor	600 00
Assistant	300 00
Coal, 65 tons	325 00
Gas	110 00
Ice	100 00
Buckets, brooms, brushes, feather dusters, soap, &c.	57 00
Amount carried forward	$3,392 00

Amount brought forward	$3,392 00
Repairs to furniture, locks, keys, window shades, &c	50 00
Repairs to stoves, new grates, relining, &c	65 00
Whitewashing yards, rooms, &c	15 00
Hauling ashes	17 00
Cleaning and relaying carpets	31 00
Incidentals	100 00
Washing towels	30 00
Wood for kindling, 3 cords	24 00
New furniture, mats, rugs, &c	100 00
Hose	25 00
	$3,849 00

Respectfully submitted,

JAS. DONNELLY, *Supt.*

CLAYTON BUILDING—CIRCUIT COURT NO. 2.

BALTIMORE, January 4th, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—The following is the estimate of the expenses for this department for the year ending December 31st, 1893:

Laborer, cleaning Court offices, &c	$600 00
Coal, 20 tons	100 00
Amount carried forward	$700 00

Amount brought forward	$700 00
Ice	40 00
Gas	25 00
Brushes, brooms, buckets, mops, soap, &c.	30 00
Repairs to stoves, locks, keys, furniture, &c.	35 00
Cleaning and relaying carpets	25 00
Hauling ashes	7 00
Incidentals	25 00
Hose	15 00
Mats, rugs, &c.	15 00
Wood, 2 cords	24 00
	$941 00

Respectfully submitted

JAS. DONNELLY, *Supt.*

OFFICE OF SUPERINTENDENT CITY HALL.

BALTIMORE, January 4th, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—The following is the estimate of the expenses of this department for the year ending December 31st, 1893:

Gas and incandescent lights	$3,600 00
Coal and wood	2,300 00
Cleaning City Hall	7,380 00
Amount carried forward	$13,280 00

Amount brought forward	$13,280 00
Repairs to furniture and gas fixtures	750 00
Ice	500 00
Brushes, buckets, soap, &c	300 00
Removing ashes, &c	150 00
Winding tower clock and fire-alarm striker, and regulating all clocks in the Hall, batteries, &c	400 00
Laborer	720 00
New furniture	150 00
Window shades	50 00
Incidentals	200 00
Cleaning carpets and draperies and relaying	425 00
New carpets, linoleum, rugs, &c	500 00
	$17,425 00

Respectfully submitted,

W. P. RYAN,

Supt. City Hall.

CITY LIBRARY—CITY HALL.

BALTIMORE, January 3d, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—The appropriations needed for this department for 1893 are estimated at $7,800.00, as follows:

Stationery and printing, &c.		$9,400 00
For a copy Poppleton's map		200 00
For binding and rebinding books of the Library and departments		200 00
Total		$9,800 00
In 1890, appropriation	$7,500 00	
Cash per warrants	6,897 18	
Covered back in treasury		$602 82
In 1891, appropriation	$7,800 00	
Cash per warrants	7,023 38	
Covered back in treasury		776 62
In 1892, appropriation	$7,300 00	
Cash per warrants	6,468 19	
Covered back in treasury		831 81
Total		$2,211 25

The appropriation for the Library for 1893 should not be cut down as it was in 1892 for the following reasons:

In 1890 the Health Department cost $1,020.27; in 1891, $1,336.25; in 1892, $701.71, a difference of itself of $634.54, or within $197.27 of my surplus for the year. I cite this department especially to show that the increase of 1891 over 1890 was occasioned by the

establishment of the morgue. Its falling off for 1892 is, therefore, no evidence that its expenses may not be increased in 1893, since it will likely need much that it did not get in 1892, and, besides, it likely will if we should have an epidemic of either cholera, typhus fever, or any other scourge. This should be anticipated and provided for. Thus you can see how the departments fluctuate in their expenses from year to year, and that it is not safe, so far as the general welfare of the City is concerned, that the Library's appropriation should be cut below that of 1892, for the reasons above shown.

You may rest assured, however, that not one more cent than is necessary shall be expended.

Very respectfully,

GEO. C. WEDDERBURN,

City Librarian.

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1893—CITY PROPER.

Gas Account.

4824 gas lamps, burning 4,000 hours each, at 5 ft. per hour, 96,480,000 cubic feet, at $1.25 per 1,000	$120,600 00
28 Gordon lamps, at 25 cents. each per night	2,555 00
Amount carried forward	$123,155 00

Amount brought forward	$123,155 00
Gas for markets, 3,290,000 cubic feet, at $1.25 per 1,000	4,112 50
Gas for squares, 1,500,000 cubic feet, at $1.25 per 1,000	1,875 00
Gas for Washington Monument, 85,000 cubic feet, at $1.25 per 1,000	106 25
200 new gas lamps, say 3,000 hours each 3,000,000 cubic feet, at $1.25 per 1,000.	3,750 00
Erecting 200 new gas lamps, at $7.50 each	1,500 00
Putting on new globes, replacing broken ones	200 00
Replacing gas lanterns, reglazing the same	1,000 00
Repairs of services, straightening posts, painting lanterns and posts, &c	3,000 00
Repairs to stops, burners, tips, &c	1,500 00
Glass for renewing that broken	1,200 00
Tin, solder, acid and necessary material for repairing the old lanterns and keeping them in repair	500 00
Livery and incidentals	400 00
40 dozen new miner lamps, at $3.75 each	1,800 00
100 new iron posts, at $6.00 each	600 00
Repairing gas lanterns, at $225 per month	2,700 00
Street signs and frames, repairs to wagon and harness, repairs to gas pipe and additional pipe in markets and City buildings	1,000 00
Meters, seals, extra help in office and advertising	200 00
	$148,598 75

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1893—CITY PROPER.

Electric Light Account.

1026 electric arc lights, at 35 cents each per night	$131,071 50
100 additional electric arc lights, at 35 cents each per night 9 months,	11,660 00
Incandescent lamps 48	552 00
	$143,283 50

Gasoline Account.

507 gasoline lamps, necessary gasoline and filling, $10.00 each	5,070 00
50 additional gasoline lamps, necessary gasoline and filling, 6 months	250 00
Glass for reglazing, also repairs to burners	600 00
Tin, solder, acid and necessary material for repairing and keeping in repair the old lanterns	400 00
5 dozen new lanterns, at $3.00 each	180 00
Erecting and straightening posts, also advertising, &c	150 00
Repairs of gasoline lanterns, at $25.00 per month	300 00
	$6,950 00

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1893—ANNEX.

Gas Account.

551 gas lamps, burning 4,000 hours each 11,020,000 cubic feet, at $1.25 per 1,000	$13,775 00
8 Gordon lamps, Madison avenue, at 25 cents each	730 00
50 new gas lamps, average consumption 6 months, say 500,000 cubic feet, at $1.25 per 1,000	625 00
Erecting 50 new posts, at $7.50 each	375 00
Repairs to services, straightening posts, &c	225 00
Repairing and painting lanterns	150 00
4 dozen new lanterns, at $2.00 each	96 00
6 dozen new miner lamps, at $3.75 each	270 00
50 new iron posts, at $6.00 each	300 00
Glass for lanterns, replacing that broken.	90 00
Repairs to burners and stops	50 00
Signs, frames and putting in position, &c	500 00
New burners, tips, &c	50 00
Livery	300 00
	$17,536 00
Deficiency for 1892, Consolidated Gas Co.	2,348 88

ESTIMATED AMOUNT REQUIRED FOR THE YEAR 1893—ANNEX.

Electric Light Account.

Electric arc lamps, 10, at 35 cents each..	$1,277 50

ANNEX.

Gasoline Account.

Gasoline and filling, 543 lamps, at $10.00 each per annum	$5,430 00
Painting and repairing	500 00
8 dozen new gasoline lanterns, at $3.00	288 00
Glass for lanterns, replacing that broken.	100 00
Gasoline for 50 additional lamps	500 00
New gasoline posts, erecting and straightening, &c	100 00
Repairs to gasoline burners and valves..	50 00
New gasoline burners, valves, wick, &c..	150 00
	$7,118 00

TAX DEPARTMENT, CITY COLLECTOR'S OFFICE—CITY HALL.

BALTIMORE, January 10th, 1893.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—I respectfully submit the following statement as the estimated receipts by this Department from taxes in arrears during the fiscal year ending December 31st, 1893:

	Taxes.	Interest.	Total.
1889....	$ 317 30	$ 6 35	$ 323 65
1890....	15,725 00	235 87	15,960 87
1891....	155,000 00	1,550 00	156,550 00
1892....	899,000 00	3,596 00	902,596 00
Total receipts, including interest. ..			$1,075,430 52

I am respectfully,

J. T. M. BARNES,

Deputy City Collector.

TAX DEPARTMENT, CITY COLLECTOR'S OFFICE—CITY HALL.

BALTIMORE, January 10th, 1893.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—I respectfully submit the following statement as the estimated receipts by this Department from taxes in arrears in the Twenty-first and Twenty-second Wards during the fiscal year ending December 31st, 1893:

1890, taxes, including interest.....	$1,000 00
1891, taxes, including interest.....	6,000 00
1892, taxes, including interest.....	40,000 00
Total, including interest	$47,000 00

I am respectfully,

J. T. M. BARNES,

Deputy City Collector.

TAX DEPARTMENT, CITY COLLECTOR'S OFFICE—CITY HALL.

BALTIMORE, January 2d, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—Herewith I submit estimates for the salaries of the City Collector, the Deputy City Collector, cashiers, bookkeepers and clerks in the Tax Department, incidental expenses of the Tax Department, and salaries of the judges, clerks and assessors of the Appeal Tax Court, for the fiscal year ending December 31st, 1893, amounting in the aggregate to fifty-seven thousand three hundred dollars ($57,300).

Respectfully,

J. T. M. BARNES,

Deputy City Collector.

Tax Department.

1 City Collector	$2,000 00
1 Deputy City Collector	2,500 00
1 Cashier	1,600 00
1 Assistant Cashier	1,400 00
1 Bookkeeper	1,600 00
1 General Cash Bookkeeper	1,600 00
1 Transfer Clerk	1,300 00
1 Annex Bookkeeper	1,300 00
13 Ledger Clerks, at $1,300 each	16,900 00
Incidental expenses of Tax Department	3,500 00
Total	$33,700 00

Appeal Tax Court.

3 Judges, at $1,800 each	$5,400 00
1 Chief Clerk	1,600 00
1 Assistant Clerk	1,600 00
1 Assessor of new improvements	1,400 00
2 Assessors of old real estate, at $1,200 each	2,400 00
1 Clerk to Assessors	1,200 00
28 Assessors of personal property	10,000 00
Total	$23,600 00

Reappropriations for 1893 *for the following Streets.*

Patapsco alley, from Fort avenue to Ostend street	$715 14
Race street, from Cross street to Fort avenue	946 60
Burke street, from Baltimore to Monument street	231 00
Patapsco alley, from Ostend street to West street	269 75
Cooksie street, from Clement street to Cuba street	75 00
Chew street, from Wolfe street to Chester street	8,313 59
Federal street, from Aisquith street to Eden street	15,119 69
	$25,670 77

Approximate Estimate for 1893, *City's Proportion for Opening Streets.*

Hollins street, from old City limits to Catharine street	$38,894 85
Hollins street, from Calverton road to the western line of the old City limits	554 35
Pinkney street, from Cross street to Stockholm street	4,607 70
Seventh street, from Northwest street to Morris avenue	5,021 71
Eighth street, from Northwest street to Elgin avenue	3,790 74
Northwest street, from Seventh street to Ninth street	158 64
Elgin avenue, from Ninth street to Seventh street	2,966 05
Myrtle avenue, from Slingluff avenue to Ninth street	7,436 96
Windsor avenue, from Fourth street to Ninth street	5,518 97
Clifton avenue, from Ninth street to Fourth street	9,605 29
Union dock, from Baltimore Steam Packet Company's wharf to north of Eastern avenue	48,994 97
Ninth or Barnum street, from Charles Street avenue to Maryland avenue	136 33
Spring street, from Oliver street to Townsend street	3,025 52
Amount carried forward	$130,712 08

Amount brought forward	$130,712 08
Holmes or Tenth street, from Charles street to Maryland avenue	5,190 51
Townsend street, from Harford avenue to Caroline street	37,597 61
Henry street, from Randall street to Fort avenue	5,103 04
Brice alley, from Lanvale street to Lafayette avenue	1,396 54
	$179,999 78

Respectfully submitted,

C. L. GOODWIN.

OFFICE FIRE COMMISSIONERS—CITY HALL.

BALTIMORE, January 4th, 1893.

JOHN A. ROBB, ESQ., *City Register.*

DEAR SIR—The following are the estimates for the "City" and "Annex" Fire Departments for the year of 1893:

CITY.

Salaries	$222,300 00
Apparatus	10,000 00
Apparatus repairs	12,000 00
Amount carried forward	$244,300 00

Amount brought forward	$244,300 00
Accident	2,500 00
Feed	15,000 00
Fuel	4,000 00
Furniture	2,000 00
Harness	1,500 00
Horse shoeing	2,500 00
Hose and suction tubes	8,000 00
Horses	6,000 00
Gas	1,600 00
Oils, paints, &c	2,000 00
Office expenses, including printing report and Messenger's salary	1,000 00
Rent	600 00
Rent of telephones	681 00
Miscellaneous	2,500 00
Washing	2,200 00
Insurance of members	1,579 41
Sick	1,000 00
Pensions for disabled firemen	6,800 00
Police and Fire-Alarm Telegraph	25,678 13
Deficiency for 1892	2,910 62
Total	$334,349 16

ANNEX.

Salaries	$22,100 00
Apparatus	500 00
Apparatus repairs	2,200 00
Amount carried forward	$24,800 00

Amount brought forward	$24,800 00
Accident	100 00
Feed	2,500 00
Fuel	300 00
Furniture	300 00
Harness	250 00
Horse shoeing	400 00
Hose	500 00
Horses	2,400 00
Gas	200 00
Oils, paints, &c.	600 00
Rent	360 00
Rent of telephones	120 00
Miscellaneous	150 00
Office expenses	300 00
Washing	250 00
Insurance of members	149 73
Sick	300 00
Police and Fire-Alarm Telegraph	1,000 00
Total	$34,979 73

Very respectfully,

J. Alexander Preston,

President.

OFFICE BOARD OF POLICE COMMISSIONERS.

BALTIMORE, January 9th, 1893.

To the Honorable the Mayor and
City Council of Baltimore City.

GENTLEMEN:

We respectfully submit to you the following as the estimate for the expenditures of this department for the year of 1893:

The following expenditures are fixed by the Legislature:

Salaries of the Commissioners	$7,500 00	
Secretary	2,000 00	
Marshal	2,500 00	
Deputy Marshal	2,000 00	
Pay of force	743,860 00	
Physicians	2,250 00	
		$760,110 00
For maintenance of station houses, electrical supplies, telephone apparatus, maintenance of wagons and horses, mounted force and incidental expenses.		27,068 00
In addition to the above expenses there will be this year, as required by the Acts of the Legislature, 1892, pay of 15 additional probation officers, at $12 per week		9,360 00
Amount carried forward		$796,538 00

Amount brought forward	$796,538,00
Two additional Lieutenats, at $15 per week	2,600 00
Fourteen station house matrons, at $10 per week	7,280 00
Assistant Secretary	1,200 00
	$807,618 00
And for the additional pay day of 1892, that year having, as occurs about once every eleven years, 27 pay days instead of 26, not having been estimated for last year	29,123 07
Total	$836,741 07

Very respectfully,

E. M. SCHRYVER,
J. Q. A. ROBSON,
JOHN GILL, JR.,

Police Commissioners.

BALTIMORE, January 4th, 1893.

JOHN A. ROBB, ESQ., *City Register:*

DEAR SIR—The following is the estimated expenses of the Criminal Court, Record Office and grounds, required for the year 1893 :

Superintendent's salary	$1,200 00
Watchman's salary	1,000 00
Janitor for Criminal Court building, basement and grounds	600 00
Cleaning Criminal Court	350 00
Cleaning Grand Jury	350 00
Cleaning Court of Common Pleas	350 00
Janitress for ladies' room	300 00
100 tons of coal for Criminal Court, Superior, Common Pleas, Jury, Grand Jury, Witness room, Clerk's Office, at $5.50	550 00
50 tons coal for Record Office, at $5.50	275 00
8 cords kindling wood, same as for coal, at $8.00	64 00
Gas for Criminal Court buildings, basement and offices	200 00
Ice for Criminal Court, Superior, Common Pleas, Jury rooms, offices, &c	150 00
Ice coolers and repairing	50 00
Removing ashes and refuse	100 00
Whitewashing Criminal Court building and yard	150 00
Gas fixtures, globes and repairs, Criminal, Superior, Common Pleas, &c	100 00
Locks, keys and repairs	30 00
Window curtains and awnings	100 00
Brooms, buckets, brushes, mops, towels, soap, soda, &c	100 00
Amount carried forward	$6,019 00

Amount brought forward.....	$6,019 00
Furniture, chairs, desks, &c.....	150 00
Carpets, oilcloth and linoleum.....	150 00
Repairing furniture.....	150 00
Repairing furnaces, stoves and grates....	150 00
	$6,619 00

Respectfully submitted,

JOHN D. COOK,

Superintendent of Criminal Court.

REPORT OF

The Department of Finance

FOR THE YEAR 1892.

REPORT.

DEPARTMENT OF FINANCE.

BALTIMORE, December 31st, 1892.

To the Honorable the Members of the
First and Second Branches of the City Council.

GENTLEMEN:

The Commissioners of Finance have the honor to submit herewith, for your consideration, statements in detail exhibiting their transactions during the current year, as follows:

1. A summary of receipts and payments on account of the various sinking funds.

2. A statement of stocks and bonds purchased for the sinking funds.

3. A statement showing the condition of the various sinking funds.

4. A statement showing the condition of the Enoch Pratt Free Library Sinking Fund.

5. A statement showing the condition of the Horwitz Benevolent Fund.

6. A schedule of real estate and ground rents, upon the books of the Commissioners of Finance, from which income is derived.

7. A statement of the funded and guaranteed debt.

8. A balance sheet of the sinking funds' ledger.

9. A statement of the indebtedness of the Western Maryland Railroad Company to the Mayor and City Council of Baltimore.

The matters embraced in the foregoing are exhibited under their respective heads in a detailed form, in the Appendix to this report.

1—RECEIPTS AND PAYMENTS.

The receipts have been derived as follows :

From cash to credit of sinking funds December 31, 1891	$73,112 44
From Baltimore and Ohio Railroad Company, on account of purchase of Pittsburgh and Connellsville Railroad bonds	40,000 00
From interest upon stocks and investments	395,792 20
From rental of real estate	26,257 63
Amount carried forward	$535,162 27

Am't brought forward ...	$535,162 27	
From rental of Hillen Station, Ordinance No. 97, 1875	16,000 00	
From rental of Western Maryland Terminal Company depot, under Ordinance No. 92, 1882.....	9,181 48	
From premium on sales of $1,880,700 Internal Improvement 3½ per cent. 1928 Loan.....	9,070 92	
From City Collector, for General Sinking Fund...	129,736 07	
From City Collector, for Internal Improvement Loan Sinking Fund.....	78,502 37	
From City Collector, for Water 1926 Loan Sinking Fund.....	26,608 48	
From sales of property belonging to late S. H. Tagart, Ordinances 97 and 101, of 1892....	43,000 00	
From sales of fractions of stock.....	42 87	
		$847,304 46

Am't brought forward...		$847,304 46

The payments have been as follows:

For investment purchases..	$337,608 88	
For interest on Western Maryland Railroad 6 per cent. 1902 Loan.....	60,000 00	
For interest on Western Maryland Railroad 6 per cent. 3d mortgage bonds	52,320 00	
For redemption of Consolidated 6 per cent. 1890 Loan.....	13,682 27	
For redemption of Five Million 6 per cent. 1890 Loan	7,271 20	
For redemption of Public Park 6 per cent. 1890 Loan.....	500 00	
For payment to Mayor and City Council for condemnation of land in Druid Hill Park, Ordinance No. 84, 1891.....	13,057 45	
For purchase of ground rent, under Ordinance No. 81, 1881.....	6,016 77	
For sundry expenses detailed in Statement No. 1...	2,240 85	
Amounts carried forward...	$492,697 42	$847,304 46

Am'ts brought forward...	$492,697 42	$847,304 46
For amount paid to D. L. Bartlett, Treaurer McDonogh Educational Fund and Institute.....	43,000 00	
		535,697 42
Cash in bank to credit of Sinking Funds.....		$311,607 04

2—INVESTMENT PURCHASES OF STOCKS AND BONDS.

This statement is submitted in obedience to Article XLII, Section 13, of City Code, and exhibits in detail the purchase of stocks, amounting to $302,400.00, at an average cost of 111.65 per cent., the total cost of purchase being..	$337,608 88

3—THE REDEMPTION AND SINKING FUNDS.

Exhibiting in detail the amount and condition of the investments of the funds as shown by the books of the Commissioners of Finance, as follows:

General Sinking Fund.....	$7,279,010 93
Public Park Sinking Fund	107,905 47
W. Md. R. R. 1925 Loan Sinking Fund	55,680 85
W. Md. R. R. 1927 Loan Sinking Fund.....	117,139 13
Amount carried forward...	$7,559,736 38

Am't brought forward...		$7,559,736 38
Hillen Station Sinking Fund		44,402 04
W. Md. R. R. Ter. Co. Sinking Fund.....		14,028 97
Water 1926 Loan Sinking Fund.....		117,929 31
Internal Improvement 1928 Loan Sinking Fund.....		204,910 78
		$7,941,007 48

OTHER PRODUCTIVE INVESTMENTS.

Real estate producing $10,225.11, capitalized at 6 per cent.....	$170,418 50	
550 shares Baltimore and Reisterstown Turnpike stock.....	2,062 50	
137 shares Baltimore and Frederick Turnpike stock	456 66	
625 shares Baltimore and Yorktown Turnpike stock	5,000 00	
Mortgage on Union R. R. Company.....	117,000 00	
Mortgages of Western Maryland R. R. Co.....	2,388,000 00	
		2,682,937 66
		$10,623,945 14

Am't brought forward...		$10,623,945 14

UNPRODUCTIVE INVESTMENTS.

Western Maryland R. R. Co's mortgage to secure endorsement of bonds and loan of City stock.....	$1,875,000 00	
Western Maryland R. R. Co. accrued interest advanced	2,924,850 00	
Philadelphia and Reading R. R. 3d preference income bonds.....	83,000 00	
4,000 shares Western Maryland R. R. stock.....	200,000 00	
10,000 shares Valley R. R. of Va. stock.....	1,000,000 00	
		6,082,850 00
		$16,706,795 14

INCREMENT OF SINKING FUNDS.

The increment of the sinking funds from Dec. 31st, 1891, to Dec. 31st, 1892, amounting to.....		$464,881 17
Was derived thus:		
From interest upon investments	$343,656 21	
Amount carried forward ..	$343,656 21	

Am't brought forward...		$343,656 21
From rent of Hillen Station ...	$16,000 00	
Less amount set apart in sinking fund.....	2,000 00	
		14,000 00
From rent of W. Md. R. R. Ter. Co. Depot....	9,181 48	
Less amount set apart in sinking fund.....	1,311 60	
		7,869 88
From rental of real estate..		26,257 63
From premium on sales of stock		9,070 92
From City Collector for general sinking fund....		129,736 07
From City Collector for Water Loan Sinking Fund.....		26,608 48
From City Collector for Internal Improvement Sinking Fund.....		78,502 37
From amount due by Six Million Loan Sinking Fund		655 45
Amount carried forward...		$636,357 01

Am't brought forward...		$636,357 01
From which deduct:		
Interest paid on Western Maryland R. R. 1902 Loan.....	$60,000 00	
Interest paid on Western Maryland R. R. 3d mortgage bonds.....	52,320 00	
Premium on purchases of stocks and bonds	29,658 50	
Redemption of Consolidated 6 per cent. 1890 Loan....	13,682 27	
Redemption of Public Park 6 per cent. 1890 Loan....	500 00	
Amount paid Mayor and City Council for condemnation of land in Druid Hill Park.....	13,057 45	
Accrued rent on ground rent purchased	16 77	
Sundry expenses	2,240 85	
		171,475 84
		$464,881 17

And disbursed as shown by statement No. 1 of Appendix.

4—ENOCH PRATT FREE LIBRARY SINKING FUND.

This statement shows the condition of the Enoch Pratt Free Library Sinking Fund on December 31st, 1892, under the control of the Commissioners of Finance, who are required "to invest the interest upon the investments in the sinking fund, and the interest upon the interest, as the same shall be received, in the public debt of the City of Baltimore, until the annual income from said investments shall reach the sum of fifty thousand dollars." (Article XXXIII A, Section 8, Baltimore City Code).

5—THE HORWITZ BENEVOLENT FUND.

This statement shows the condition of the Horwitz Benevolent Fund under the management of the Commissioners of Finance, who, on December 28th, 1888, under authority of Resolution No. 7, of the Mayor and City Council of Baltimore, approved December 8th, 1888, accepted from the executors of Orville Horwitz, late of Baltimore City, deceased, the sum of ten thousand dollars, which, with its increments, is, in the said last will and testament, directed to be known as the "Horwitz Benevolent Fund."

6—REAL ESTATE AND GROUND RENTS.

The schedule of real estate and ground rents presented in this form for convenience of reference, embraces only so much of the City property as is in control and shown upon the books of this Board, and from which income is derived from rentals.

The income derived from the public wharves and other valuable property being applied to current expenditures, does not appear in these accounts. (City Code, Article XLII, Section 14).

7—FUNDED DEBT AND GUARANTEES.

These issues, on Dec. 31st, 1892, amount to.....		$34,663,297 48
On Dec. 31st, 1891, they amounted to.....		32,776,050 95
Showing an increase during the year of.....		$1,887,246 53
Thus:		
Amount of Internal Improvement 3½ per cent. 1928 Loan issued.....	$1,880,700 00	
Amount of Jones' Falls 3.65 per cent. 1900 Loan issued	28,000 00	
	$1,908,700 00	
Less amount of various loans redeemed.....	21,453 47	
		$1,887,246 53

INCREASE OF FUNDED DEBT AUTHORIZED.

Six Million 1940 Loan authorized by Ordinance No. 100 of 1892.....	$6,000,000 00

THE FINANCIAL CONDITION OF THE CORPORATION.

Amount of funded debt December 31st, 1892	$33,671,297 48	
Amount of guaranteed debt December 31st, 1892	992,000 00	
		$34,663,297 48
Of this amount, interest is provided or paid as follows:		
Water Board upon	$10,500,000 00	
Park Board upon	200,000 00	
Union Railroad Company upon	117,000 00	
Western Maryland Railroad Company upon	2,388,000 00	
Commissioners of Finance upon	1,875,000 00	
Overdue stock, no interest allowed	26,151 76	
		15,106,151 76
Leaving the amount on which interest is paid by taxation at		$19,557,145 72

PRODUCTIVE INVESTMENTS.

Mortgage on Union R. R. Co	$ 117,000 00
Mortgages on Western Maryland R. R. Co	2,388,000 00
Amount carried forward	$2,505,000 00

Am't brought forward..		$2,505,000 00	
Value of sinking funds..		7,941,007 48	
550 shares Baltimore and Reisterstown Turnpike stock		2,062 50	
137 shares Baltimore and Frederick Turnpike stock		456 66	
625 shares Baltimore and Yorktown Turnpike stock		5,000 00	
Real estate, annual rental..	$10,225 11		
Wharf property, annual rental	38,000 00		
Market Houses, annual rental	50,000 00		
	$98,225 11		
Capitalized at 6 per cent..		$1,637,085 16	
			$12,090,611 80

UNPRODUCTICE INVESTMENTS.

Mortgages of Western Maryland R. R. Co....	$1,875,000 00	
Accrued interest advanced for Western Maryland R. R. Co.....	2,924,850 00	
Amount carried forward..	$4,799,850 00	

Am't brought forward..	$4,799,850 00	
83,000 Philadelphia and Reading R. R. 3d preference income bonds...	83,000 00	
4,000 shares Western Maryland R. R. stock	200,000 00	
10,000 shares Valley R. R. of Virginia stock.....	1,000,000 00	
		$6,082,850 00.

The foregoing statement does not embrace any items connected with current receipts and expenditures, but refers only to the stock and bond liabilities of the corporation, and to investments specially set apart for the redemption of the same. The accounts now submitted for your consideration exhibit in detail all the transactions of the past fiscal year.

They show the receipts to have been... $847,304 46
and the disbursements to have been as follows:

For investment purchases (see Statement No. 2)..	$337,608 88	
For interest paid for W. Md. R. R. Co.....	112,320 00	
For redemption of loans..	21,453 47	
For condemnation of land in Druid Hill Park....	13,057 45	
For amount paid D. L. Bartlett, Treasurer.....	43,000 00	
Amounts carried forward..	$527,439 80	$847,304 46

Am't brought forward..	$527,439 80	$847,304 46
For amount of accrued rent on ground rent....	16 77	
For ground rent purchased	6,000 00	
For sundry expenses.....	2,240 85	
		535,697 42
Balance, amount in bank to credit of funds.....		$311,607 04

The present value of the sinking funds is .	$7,941,007 48
The value of the same on December 31st, 1891, was.....	7,476,126 31
Showing an increase during the past year of.....	$464,881 17

Sales of $1,880,700.00 Internal Improvement 3½ per cent. 1928 Loan were made during the year at a premium of $9,070.92.

A sale of $28,000.00 Jones' Falls 3.65 per cent. Loan was made to the Commissioners of Finance at par.

Respectfully submitted,

FERDINAND C. LATROBE, *Chairman.*
ENOCH PRATT,
W. W. SPENCE,

Commissioners of Finance.

JOHN A. ROBB,

Clerk to Commissioners of Finance.

APPENDIX.

STATEMENT

Dr. *The Commissioners of Finance in account*

To balance, amount in bank to credit of the sinking funds, December 31st, 1891		$ 73,112 44
To General Sinking Fund:		
From sales of fractions of stock	$ 42 87	
From interest on stocks and investments	324,884 55	
From rental of real estate.	26,257 63	
From rental of Hillen Station	14,000 00	
From rental of W. Md. R. R. Terminal Co. Depot.	7,869 88	
From City Collector by tax levy	129,736 07	
From Balto. & Ohio R. R. Co., account of sale of Pittsburg & Connellsville R. R. bonds	40,000 00	
		$542,791 00
Amount carried forward		$615,903 44

No. 1.

with the Mayor and City Council of Baltimore. CR.

By General Sinking Fund:

For $12,400 Consolidated 6 per cent. 1893 Loan..	$12,817 00
For $7,200 City Hall 6 per cent. 1900 Loan.....	8,398 00
For $1,300 City Hall 6 per cent. 1902 Loan.....	1,572 75
For $8,800 Funding 6 per cent. 1900 Loan.....	10,324 00
For $600 Exempt 6 per cent. 1893 Loan.....	622 50
For $8,000 Jones' Falls 6 per cent. 1900 Loan....	9,310 00
For $17,500 W. Md. R. R. 6 per cent. 1902 Loan..	21,292 50
For $14,500 W. Md. R. R. 6 per cent. 3d Mortgage Bonds.....	16,751 25
For $13,000 Water 5 per cent. 1894 Loan.....	13,491 25
For $6,000 Water 5 per cent. 1916 Loan.....	7,455 00
For $6,900 W. Md. R. R. 4 per cent. 1925 Loan..	7,434 75
Amount carried forward..	$109,469 00

STATEMENT

DR. *The Commissioners of Finance in account*

Am't brought forward..		$615,903 44
To W. Md. R. R. Terminal Co. Sinking Fund:		
From interest on stocks..	$ 621 84	
From one-seventh rent of depot by W. Md. R. R. Co.....	1,311 60	
		1,933 44
To Hillen Station Sinking Fund:		
From interest on stocks..	$2,081 26	
From W. Md. R. R. Co., one-eighth rent of station	2,000 00	
		4,081 26
To Internal Improvement 1928 Loan Sinking Fund:		
From interest on stocks...	$ 7,527 46	
From premium on sales of Internal Improvement 1928 Loan.....	9,070 92	
From City Collector by tax levy.....	78,502 37	
		95,100 75
Amount carried forward..		$717,018 89

No 1—Continued.

with the Mayor and City Council of Baltimore. CR.

Am't brought forward..	$109,469 00	
For $40,300 Jones' Falls $3\frac{65}{100}$ per cent. 1900 Loan	40,392 25	
For $1,100 Jones' Falls 3 per cent. 1900 Loan....	1,077 00	
For $3,100 W. Md. R. R. $3\frac{1}{4}$ per cent. 1927 Loan..	3,053 50	
For redemption of Consolidated 6 per cent. 1890 Loan....	13,682 27	
For one year's interest on W. Md. R. R. 6 per cent 1902 Loan.....	60,000 00	
For one year's interest on W. Md. R. R. 6 per cent. 3d Mortgage Bonds	52,320 00	
For purchase of ground rent under Ordinance No. 81, 1881.....	6,000 00	
For accrued rent on said ground rent.....	16 77	
For books, advertising, &c.....	640 63	
For clerical services.....	550 00	
		$287,201 42
Amount carried forward..		$287,201 42

STATEMENT

DR. *The Commissioners of Finance in account*

Am't brought forward..		$717,018 89
To Horwitz Benevolent Fund:		
From interest on stocks..		552 39
To Water 1926 *Loan Sinking Fund:*		
From interest on stocks..	$ 4,767 00	
From City Collector by tax levy.....	26,608 48	
		31,375 48
To W. Md. R. R. 1925 *Loan Sinking Fund:*		
From interest on stocks...		2,409 70
To W. Md. R. R. 1927 *Loan Sinking Fund:*		
From interest on stocks...		4,067 50
To Enoch Pratt Free Library Sinking Fund:		
From interest on stocks..		48,880 50
Amount carried forward..		$804,304 46

No. 1—Continued.

with the Mayor and City Council of Baltimore. CR.

Am't brought forward..		$287,201 42
By Public Park Sinking Fund:		
For condemnation of land in Druid Hill Park....	$13,057 45	
For redemption of Public Park 6 per cent. 1890 Loan	500 00	
		13,557 45
By W. Md. R. R. Terminal Co. Sinking Fund:		
For $300 Water 5 per cent. 1894 Loan.....	$ 306 00	
For $900 Water 5 per cent. 1916 Loan.....	1,118 25	
		1,424 25
By Hillen Station Sinking Fund:		
For $2,400 Water 5 per cent. 1916 Loan.....	$2,982 00	
For $1,100 Jones' Falls $3\frac{65}{100}$ per cent. 1900 Loan	1,102 75	
		4,084 75
Amount carried forward..		$306,267 87

STATEMENT

Dr. *The Commissioners of Finance in account*

Amount brought forward	$804,304 46
To Trustees McDonogh Educational Fund and Institute:	
From sales of property...	43,000 00
Amount carried forward..	$847,304 46

No. 1—Continued.

with the Mayor and City Council of Baltimore. CR.

Am't brought forward..		$306,267 87
By Internal Improvement 1928 Loan Sinking Fund:		
For $6,200 City Hall 6 per cent. 1900 Loan.....	$ 7,274 75	
For $3,500 City Hall 6 per cent. 1902 Loan.....	4,182 50	
For $4,000 Funding 6 per cent. 1900 Loan.....	4,691 25	
For $5,000 Consolidated 6 per cent. 1893 Loan....	5,187 50	
For $200 Exempt 6 per cent. 1893 Loan.....	208 00	
For $11,100 Jones' Falls 6 per cent. 1900 Loan....	13,007 75	
For $3,100 W. Md. R. R. 6 per cent. 1902 Loan..	3,766 50	
For $16,900 Water 5 per cent. 1894 Loan.....	17,506 50	
For $13,200 Water 5 per cent. 1916 Loan.....	16,423 42	
For $3,100 Funding 5 per cent. 1916 Loan.....	3,851 83	
Am'ts carried forward....	$76,100 00	$306,267 87

STATEMENT

DR. *The Commissioners of Finance in account*

Amount brought forward...	$847,304 46
Amount carried forward	$847,304 46

No. 1—Continued.

with the Mayor and City Council of Baltimore. CR.

Am'ts brought forward.	$76,100 00	$306,267 87
For $1,200 Jones' Falls 5 per cent. 1900 Loan....	1,320 50	
For $1,700 Harford Run 4 per cent. 1920 Loan....	1,879 25	
For $3,600 W. Md. R. R. 4 per cent. 1925 Loan..	4,010 25	
For $1,100 Water 4 per cent. 1926 Loan.....	1,212 75	
For $4,300 W. Md. R. R. 3½ per cent. 1927 Loan..	4,259 75	
For $1,000 W. Md. R. R. 3½ per cent. 1927 Loan..	972 50	
For $3,800 Jones' Falls $3\frac{65}{100}$ per cent. 1900 Loan	3,847 50	
For advertising.....	394 77	
		93,997 27
By Horwitz Benevolent Fund:		
For $500 Water 5 per cent. 1894 Loan..... $	517 50	
For $200 W. Md. R. R. 3½ per cent. 1927 Loan..	196 50	
		714 00
Am't carried forward		$400,979 14

STATEMENT

DR. *The Commissioners of Finance in account*

Amount brought forward	$847,304 46
Amount carried forward	$847,304 46

No. 1—Continued.

with the Mayor and City Council of Baltimore. CR.

Am't brought forward..		$400,979 14
By Water 1926 *Loan Sinking Fund:*		
For $8,400 City Hall 6 per cent. 1900 Loan.....	$9,849 00	
For $1,300 W. Md. R. R. 6 per cent. 1902 Loan..	1,569 75	
For $13,000 Water 5 per cent. 1916 Loan.....	16,152 50	
For $2,400 W. Md. R. R. 3¼ per cent. 1927 Loan..	2,358 00	
		29,929 25
By W. Md. R. R. 1925 *Loan Sinking Fund:*		
For $1,200 Water 5 per cent. 1916 Loan.....		1,491 00
By W. Md. R. R. 1927 *Loan Sinking Fund:*		
For $2,700 Water 5 per cent. 1916 Loan.....	3,347 75	
For $500 W. Md. R. R. 3¼ per cent. 1927 Loan....	496 25	
		3,844 00
Am't carried forward		$436,243 39

STATEMENT

DR. *The Commissioners of Finance in account*

Amount brought forward	$847,304 46
Amount carried forward	$847,304 46

No. 1—Continued.

with the Mayor and City Council of Baltimore. Cr.

Am't brought forward..		$436,243 39
By Enoch Pratt Free Library Sinking Fund:		
For $10,100 Funding 6 per cent. 1900 Loan.....	$11,741 25	
For $12,700 W. Md. R. R. 6 per cent. 1902 Loan..	15,622 75	
For $900 Harford Run 4 per cent 1920 Loan.....	976 50	
For $400 W. Md. R. R. 4 per cent. 1925 Loan..	440 00	
For $1,000 Water 4 per cent. 1926 Loan.....	1,095 00	
For $13,200 Internal Improvement 3½ per cent. 1928 Loan.....	13,282 50	
For $1,500 Consolidated 3½ per cent. 1930 Loan....	1,509 38	
For $4,000 W. Md. R. R. 3¼ per cent. 1927 Loan..	3,860 00	
		48,527 38
By Six Million 1940 Loan Sinking Fund:		
For advertising.....		655 45
Am't carried forward		$485,426 22

STATEMENT

DR. *The Commissioners of Finance in account*

Amount brought forward.....	$847,304 46
	$847,304 46

No. 1—Concluded.

with the Mayor and City Council of Baltimore. CR.

Am't brought forward..	$485,426 22
By Trustees McDonogh Educational Fund and Institute:	
For amount paid to D. L. Bartlett, Treasurer.....	43,000 00
By Redemption of Five Million 1890 *Loan:*	
For amount paid for redemption.....	7,271 20
By balance, cash in bank December 31st, 1892...	311,607 04
	$847,304 46

STATEMENT No. 2.

"The Commissioners of Finance shall invest in City stock all moneys in their hands, or to their credit in bank, received for the sale or rent of City property, pledged for the redemption of the public debt; and shall also invest all moneys that may hereafter be received from the above mentioned sources, as well as all interest accruing thereon, from time to time, and report to the City Council the amounts purchased, and the dates and prices at which they were purchased." (Article XLII, Section 13, Baltimore City Code.)

DATE.	SINKING FUND.	AMOUNT PURCHASED.	DESCRIPTION OF STOCK.	AMOUNT PAID.
Jan. 4	Pratt Library.....	$4,000 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	$3,860 00
" 23	Water 1926 Loan ...	2,400 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	2,358 00
" 23	Internal Imp't Loan.	1,400 00	City Hall 6 per ct. 1902 Loan....	1,683 50
" 23	" " "	1,500 00	Funding 6 per ct 1900 Loan.....	1,758 75
" 23	" " "	3,000 00	Water 5 per ct. 1916 Loan.....	3,750 00
" 23	" " "	1,600 00	Harford Run 4 per ct 1920 Loan..	1,772 00
" 23	" " "	500 00	W. Md. R. R 4 p. ct. 1925 Loan.	553 75
" 23	" " "	800 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	786 00
" 23	Horwitz Benev. Fund	200 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	196 50
Feb. 2	Internal Imp't Loan.	3,500 00	Water 5 per ct. 1894 Loan.....	3,675 00
" 2	" " "	500 00	City Hall 6 per ct. 1900 Loan....	590 00
" 2	" " "	3,100 00	W. Md. R. R. 6 p. ct. 1902 Loan.	3,766 50
" 12	" " "	5,000 00	Consolidated 6 per ct. 1893 Loan.	5,187 50

Feb. 12	Internal Imp't Loan.	500 00	Funding 6 per ct. 1900 Loan.....	587 50	
" 12	" " "	6,300 00	Jones' Falls 6 per ct. 1900 Loan..	7,402 50	
Mar. 3	General	5,200 00	Consolidated 6 per ct. 1893 Loan.	5,395 00	
" 3	"	300 00	City Hall 6 per ct. 1902 Loan....	365 25	
" 7	"	600 00	Exempt 6 per ct 1893 Loan.....	622 50	
" 15	Water 1926 Loan....	8,400 00	City Hall 6 per ct. 1900 Loan....	9,849 00	
Apl. 1	Pratt Library.....	5,100 00	Funding 6 per ct. 1900 Loan.....	5,928 75	
M'y 12	Internal Imp't Loan.	2,500 00	Water 5 per ct. 1894 Loan.....	2,581 25	
" 13	" " "	4,800 00	" 5 per ct. 1894 Loan.....	4,956 00	
" 16	Pratt Library.....	11,700 00	W. Md. R. R. 6 per ct. 1902 Loan	14,420 25	
" 16	General	9,000 00	W. Md. R. R. 6 per ct. 1902 Loan	11,092 50	
" 19	Internal Imp't Loan	4,800 00	City Hall 6 per ct. 1900 Loan....	5,640 00	
" 19	" " "	2,500 00	Jones' Falls 6 per ct. 1900 Loan..	2,937 50	
" 21	" " "	2,000 00	Water 5 per ct. 1894 Loan.....	2,055 00	
" 24	" " "	1,000 00	" 5 per ct. 1894 Loan.....	1,032 50	
Jun. 1	General	1,000 00	Jones' Falls 3 per ct. 1900 Loan..	980 00	
" 1	Internal Imp't Loan.	2,800 00	Water 5 per ct. 1894 Loan.....	2,891 00	
" 1	" " "	3,100 00	W. Md. R. R. 4 p. ct. 1925 Loan	3,456 50	
" 1	" " "	1,100 00	Water 4 per ct. 1926 Loan.....	1,212 75	
" 3	Water 1926 Loan....	13,000 00	" 5 per ct. 1916 Loan.....	16,152 50	
" 6	Internal Imp't Loan.	200 00	City Hall 6 per ct. 1900 Loan....	234 50	
" 6	" " "	1,000 00	Jones' Falls 5 per ct. 1900 Loan..	1,102 50	
" 13	" " "	2,000 00	Funding 6 per ct. 1900 Loan....	2,345 00	
	Am'ts carried for'd..	$116,400 00		$133,177 75	

STATEMENT No. 2—Continued.

DATE.	SINKING FUND.	AMOUNT PURCHASED.	DESCRIPTION OF STOCK.	AMOUNT PAID.
	Am'ts brought for'd.	$116,400 00		$133,177 75
Jun. 13	Internal Imp't Loan.	1,000 00	Water 5 per ct. 1916 Loan.....	1,242 50
" 13	" " "	200 00	Exempt 6 per ct. 1893 Loan.....	208 00
" 20	" " "	1,000 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	972 50
" 20	" " "	3,000 00	Water 5 per ct. 1916 Loan.....	3,727 50
" 27	" " "	2,700 00	" 5 per ct. 1916 Loan.....	3,354 67
" 27	" " "	300 00	Funding 5 per ct. 1916 Loan.....	372 83
" 29	General	1,000 00	Water 5 per ct. 1916 Loan.....	1,242 50
" 29	Internal Imp't Loan.	1,500 00	" 5 per ct. 1916 Loan.....	1,863 75
" 29	Hillen Station.....	2,400 00	" 5 per ct. 1916 Loan.....	2,982 00
" 29	W. Md. Ter. Co.....	900 00	" 5 per ct. 1916 Loan.....	1,118 25
" 29	W. Md. 1925 Loan..	1,200 00	" 5 per ct. 1916 Loan.....	1,491 00
" 29	W. Md. 1927 Loan..	2,000 00	" 5 per ct. 1916 Loan.....	2,485 00
" 30	General	5,000 00	" 5 per ct. 1916 Loan.....	6,212 50
July 7	"	100 00	Jones' Falls 3 per ct. 1900 Loan..	97 00
" 8	Internal Imp't Loan.	2,800 00	Funding 5 per ct. 1916 Loan.....	3,479 00
" 8	" " "	2,000 00	Water 5 per ct. 1916 Loan.....	2,485 00
" 9	Pratt Library.....	5,000 00	Funding 6 per ct. 1900 Loan.....	5,812 50
" 11	General	5,000 00	" 6 per ct. 1900 Loan.....	5,887 50

Jy. 11	Water 1926 Loan...	1,300 00	W. Md. R. R. 6 p. ct. 1902 Loan.	1,569 75
" 15	General	1,000 00	City Hall 6 per ct. 1902 Loan....	1,207 50
" 15	"	5,500 00	Water 5 per ct. 1894 Loan.....	5,692 50
" 15	"	2,000 00	City Hall 6 per ct. 1900 Loan....	2,335 00
" 15	"	3,800 00	Funding 6 per ct 1900 Loan.....	4,436 50
" 20	Horwitz Benev. Fund	500 00	Water 5 per ct. 1894 Loan.....	517 50
Aug. 1	General	600 00	Jones' Falls $3\frac{65}{100}$ p. ct. 1900 Loan	604 50
" 2	"	4,800 00	City Hall 6 per ct. 1900 Loan....	5,604 00
" 2	"	3,500 00	W. M. R. R. 6 p. ct. 3d mtg. bonds	4,051 25
" 11	"	500 00	Water 5 per ct. 1894 Loan.....	518 75
" 11	"	1,000 00	W. M. R. R. 6 p. ct. 3d mtg. bonds	1,157 50
" 25	"	700 00	Water 5 per ct. 1894 Loan.....	728 00
" 30	"	2,500 00	W. Md. R. R. 6 per ct. 1902 Loan	3,000 00
Sept. 3	"	8,000 00	Jones' Falls 6 per ct. 1900 Loan..	9,310 00
" 6	"	1,500 00	Water 5 per ct. 1894 Loan.....	1,560 00
" 8	"	4,800 00	" 5 per ct. 1894 Loan.....	4,992 00
" 8	"	1,200 00	Consolidated 6 per ct. 1893 Loan.	1,227 00
" 27	"	6,000 00	W. M. R. R. 6 p. ct. 3d mtg. bonds	6,892 50
Sep. 28	General	11,700 00	Jones' Falls $3\frac{65}{100}$ p. ct. 1902 Loan	11,787 75
Oct. 6	"	6,000 00	W. Md. R. R. 6 p. ct. 1902 Loan	7,200 00
" 6	Internal Imp't Loan.	2,100 00	City Hall 6 p. ct. 1902 Loan.....	2,499 00
" 6	" "	700 00	" 6 " 1900 "	810 25
" 6	" "	100 00	Jones' Falls 6 p. ct 1900 Loan...	115 75
	Am'ts carried for'd..	$223,300 00		$256,028 75

STATEMENT 2—Continued.

DATE.	SINKING FUND.	AMOUNT PURCHASED.	DESCRIPTION OF STOCK.	AMOUNT PAID.
	Am'ts brought for'd.	$223,300 00		$256,028 75
Oct. 6	Internal Imp't Loan.	300 00	Water 5 p. ct. 1894 Loan.....	315 75
" 6	" "	200 00	Jones' Falls 5 p. ct. 1900 Loan...	218 00
" 6	" "	100 00	Harford Run 4 p. ct. 1920 Loan..	107 25
Nov. 7	General.....	4,000 00	W. M. R. R. 6. p. ct. 3d m'tg. b'ds	4,650 00
" 14	"	6,000 00	Consolidated 6 p. ct. 1893 Loan..	6,195 00
" 22	Pratt Library.....	1,000 00	W. Md. R. R. 6 p. ct. 1902 Loan.	1,202 50
" 22	" "	13,200 00	Internal Imp't 3½ p. ct. 1928 Loan	13,282 50
" 22	" "	1,500 00	Consolidated 3½ p. ct. 1930 Loan.	1,509 38
" 23	Hillen Station.....	1,100 00	Jones' Falls 3 65 p. ct. 1900 Loan	1,102 75
" 23	W. Md. Ter. Co....	300 00	Water 5 p. ct. 1894 Loan.....	306 00
" 23	Internal Imp't Loan.	3,500 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	3,473 75
Dec. 6	W. Md. 1927 Loan..	700 00	Water 5 p ct. 1916 Loan.....	862 75
" 6	" 1927 " ..	500 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	496 25
" 9	Pratt Library.....	900 00	Harford Run 4 p. ct. 1920 Loan..	976 50
" 9	" "	400 00	W. Md. R. R. 4 p. ct. 1925 Loan.	440 00
" 9	" "	1,000 00	Water 4 p. ct. 1926 Loan.....	1,095 00
" 9	General.....	28,000 00	Jones' Falls 3.65 p. ct. 1900 Loan	28,000 00
" 19	"	3,100 00	W. Md. R. R. 3¼ p. ct. 1927 Loan	3,053 50

Dec. 19	Internal Imp't Loan	3,800 00	Jones' Falls 3.65 p. ct. 1900 Loan	3,847 50
" 19	" "	2,200 00	" " 6 p. ct. 1900 Loan...	2,552 00
" 27	General	6,900 00	W. Md. R. R. 4 p. ct. 1925 Loan.	7,434 75
" 27	"	400 00	City Hall 6 p. ct. 1900 Loan.....	459 00
		$302,400 00		$337,608 88

STATEMENT No. 2—Concluded.

RECAPITULATION.

SINKING FUND.	AMOUNT PURCHASED.	DESCRIPTION OF STOCK.	AMOUNT PAID.
General	$70,300 00	Six per cent. loans	$81,088 00
"	19,000 00	Five per cent. loans	20,946 25
"	6,900 00	Four per cent. loans	7,434 75
"	40,300 00	Three $\frac{65}{100}$ per cent. loans	40,392 25
"	3,100 00	Three $\frac{25}{100}$ per cent, loans	3,053 50
"	1,100 00	Three per cent. loans	1,077 00
Internal Imp't 1928 Loan	33,100 00	Six per cent. loans	38,318 25
" " " "	34,400 00	Five per cent. loans	39,102 25
" " " "	6,400 00	Four per cent. loans	7,102 25
" " " "	3,800 00	Three $\frac{65}{100}$ per cent. loans	3,847 50
" " " "	5,300 00	Three $\frac{25}{100}$ per cent. loans	5,232 25
W. Md. R. R. Ter. Co.	1,200 00	Five per cent. loans	1,424 25
Hillen Station	2,400 00	Five per cent. loans	2,982 00
" "	1,100 00	Three $\frac{65}{100}$ per cent. loans	1,102 75
Horwitz Benevolent Fund	500 00	Five per cent. loans	517 50
" "	200 00	Three $\frac{25}{100}$ per cent. loans	196 50
Water 1926 Loan	9,700 00	Six per cent. loans	11,418 75

Water 1926 Loan	13,000 00	Five per cent. loans	16,152 50
" " "	2,400 00	Three $\frac{25}{100}$ per cent. loans	2,358 00
W. Md. R. R. 1925 Loan	1,200 00	Five per cent. loans	1,491 00
" " 1927 "	2,700 00	Five per cent. loans	3,347 75
" " 1927 "	500 00	Three $\frac{25}{100}$ per cent. loans	496 25
Enoch Pratt Free Library	22,800 00	Six per cent. loans	27,364 00
" "	2,300 00	Four per cent. loans	2,511 50
" "	14,700 00	Three $\frac{50}{100}$ per cent. loans	14,791 88
" "	4,000 00	Three $\frac{25}{100}$ per cent. loans	3,860 00
	$302,400 00		$337,608 88

STATEMENT No. 3.

Condition of Sinking Fund December 31, 1892.

General Sinking Fund:

City Hall 6 per cent. 1900 Loan	$ 78,300 00	
City Hall 6 per cent. 1902 Loan	45,900 00	
Funding 6 per cent. 1900 Loan	151,800 00	
W. Md. R. R. 6 per cent. 1902 Loan	93,000 00	
Park Improvement 6 per cent. 1895 Loan	92,158 80	
Consolidated 6 per cent. 1893 Loan	1,417,241 38	
Jones' Falls 6 per cent. 1900 Loan	59,700 00	
Exempt 6 per cent. 1893 Loan	6,753 87	
		$1,944,854 05
Water 5 per cent. 1894 Loan	700,300 00	
Water 5 per cent. 1916 Loan	145,500 00	
Jones' Falls 5 per cent. 1900 Loan	215,500 00	
Am'ts carried forward	$1,061,300 00	$1,944,854 05

STATEMENT No. 3—Continued.

Am'ts brought forward.	$1,061,300 00	$1,944,854 05
Funding 5 per cent. 1916 Loan	30,700 00	
		1,092,000 00
Harford Run 4 per cent. 1920 Loan	50,000 00	
W. Md. R. R. 4 per cent. 1925 Loan	132,700 00	
Patterson Park 4 per cent. 1920 Loan	5,000 00	
Water 4 per cent. 1926 Loan	641,000 00	
Paving 4 per cent. 1920 Loan	31,000 00	
Harford Run 4 per cent. 1904 Loan	1,700 00	
		861,400 00
Jones' Falls 3.65 per cent. 1900 Loan		51,700 00
Jones' Falls 3½ per cent. 1900 Loan	160,000 00	
Internal Improvement 3½ per cent. 1928 Loan	303,600 00	
Consolidated 3½ per cent. 1930 Loan	163,478 52	
		627,078 52
Amount carried forward..		$4,577,032 57

STATEMENT No. 3—Continued.

Am't brought forward..		$4,577,032 57
W. Md. R. R. 3¼ per cent. 1927 Loan.....		665,500 00
Jones' Falls 3 per cent. 1900 Loan.....		53,300 00
Union R. R. 6 per cent. 1st mortgage bonds....		87,500 00
W. Md. R. R. 6 per cent. 1st mortgage bonds....		43,500 00
W. Md. R. R. 6 per cent. 3d mortgage bond (registered)....		234,000 00
W. Md. R. R. 6 per cent. 3d mortgage bonds (coupon)....		93,000 00
W. Md. R. R. 6 per cent. 2d preferred mortgage bonds.....		178,500 00
W. Md. R. R. funding certificates.....		226,530 00
W. Md. R. R. unendorsed coupons off 1st mortgage bonds.....		71,742 00
Hillen Station property.	200,000 00	
Less amount of sinking fund for the repayment of cost thereof.....	44,402 04	
		155,597 96
Am't carried forward		$6,386,202 53

STATEMENT No. 3—Continued.

Am't brought forward..		$6,386,202 53
Western Maryland Terminal Depot property..	131,163 81	
Less amount of sinking fund for the repayment of cost thereof.....	14,028 97	
		117,134 84
Amount due by Baltimore and Ohio R. R. Co., on account of purchase of Pittsburg and Connellsville R. R. bonds, as per Ordinance No. 47, 1885.		320,000 00
Ground rents, purchased under Ordinance No. 81 of 1881.....		274,235 27
Cash.....		181,438 29
		$7,279,010 93
Public Park Sinking Fund:		
Cash.....		$107,905 47
Western Maryland Railroad 1925 *Loan Sinking Fund:*		
City Hall 6 per cent. 1900 Loan.....	$3,300 00	
Am't carried forward.....	$3,300 00	

STATEMENT No. 3—Continued.

Am't brought forward..	$3,300 00	
City Hall 6 per cent. 1902 Loan	2,700 00	
Funding 6 per cent. 1900 Loan	2,000 00	
W. Md. R. R. 6 per cent. 1902 Loan	2,600 00	
Jones' Falls 6 per cent. 1900 Loan	100 00	
		10,700 00
W. Md. R. R. 6 per cent. 3d mortgage bonds		500 00
Water 5 per cent. 1916 Loan	6,100 00	
Water 5 per cent. 1894 Loan	2,900 00	
		9,000 00
W. Md. R. R. 4 per cent. 1925 Loan		21,800 00
Jones' Falls 3.65 per cent. 1900 Loan		800 00
Consolidated 3½ per cent. 1930 Loan		11,900 00
Cash		980 85
		$55,680 85

STATEMENT No. 3—Continued.

Western Maryland Railroad 1927 *Loan Sinking Fund:*		
City Hall 6 per cent. 1900 Loan	$ 700 00	
City Hall 6 per cent. 1902 Loan	400 00	
Funding 6 per cent. 1900 Loan	700 00	
Jones' Falls 6 per cent. 1900 Loan	3,000 00	
W. Md. R. R. 6 per cent. 1902 Loan	1,500 00	
		$6,300 00
W. Md. R. R. 6 per cent. 3d mortgage bonds		4,500 00
Water 5 per cent. 1916 Loan	3,700 00	
Water 5 per cent. 1894 Loan	200 00	
		3,900 00
W. Md. R. R. 3¼ per cent. 1927 Loan		100,500 00
Consolidated 3½ per cent. 1930 Loan		1,700 00
Cash		239 13
		$117,139 13

STATEMENT No. 3—Continued.

Hillen Station Sinking Fund:		
City Hall 6 per cent. 1900 Loan	$2,900 00	
Consolidated 6 per cent. 1893 Loan	100 00	
Western Maryland Railroad 6 per cent. 1902 Loan	5,200 00	
Funding 6 per cent. 1900 Loan	1,000 00	
Jones' Falls 6 per cent. 1900 Loan	1,400 00	
Park Improvement 6 per cent. 1895 Loan	1,000 00	
City Hall 6 per cent. 1902 Loan	300 00	
		$11,900 00
Western Maryland Railroad 6 per cent. 3d mortgage bond		500 00
Jones' Falls 5 per cent. 1900 Loan	8,000 00	
Water 5 per cent. 1894 Loan	7,300 00	
Funding 5 per cent. 1916 Loan	1,900 00	
Am'ts carried forward	$17,200 00	$12,400 00

STATEMENT No. 3—Continued.

Am'ts brought forward.	$17,200 00	$12,400 00
Water 5 per cent. 1916 Loan	4,100 00	
		21,300 00
Paving 4 per cent. 1920 Loan		3,000 00
Jones' Falls 3.65 per cent. 1900 Loan		2,600 00
Consolidated 3½ per cent. 1930 Loan		4,500 00
Cash		602 04
		$44,402 04
Western Maryland Railroad Terminal Company Sinking Fund:		
Consolidated 6 per cent. 1893 Loan	$ 100 00	
City Hall 6 per cent. 1900 Loan	1,000 00	
City Hall 6 per cent. 1902 Loan	100 00	
Western Maryland Railroad 6 per cent. 1902 Loan	1,100 00	
Funding 6 per cent. 1900 Loan	1,000 00	
Amount carried forward..	$3,300 00	

STATEMENT No. 3—Continued.

Am't brought forward..	$3,300 00	
Jones' Falls 6 per cent. 1900 Loan.....	800 00	
		$ 4,100 00
Western Maryland Railroad 6 per cent. third mortgage bonds.....		1,000 00
Water 5 per cent. 1916 Loan	2,500 00	
Water 5 per cent. 1894 Loan	1,600 00	
		4,100 00
Consolidated 3½ per cent. 1930 Loan..... ..		3,300 00
Jones' Falls 3.65 per cent. 1900 Loan.....		900 00
Cash.....		628 97
		$14,028 97
Water 1926 *Loan Sinking Fund:*		
City Hall 6 per cent. 1900 Loan	$11,800 00	
City Hall 6 per cent. 1902 Loan	1,900 00	
Funding 6 per cent. 1900 Loan	17,200 00	
Amount carried forward..	$30,900 00	

STATEMENT No. 3—Continued.

Am't brought forward..	$30,900 00	
Jones' Falls 6 per cent. 1900 Loan.....	5,000 00	
Consolidated 6 per cent. 1893 Loan.....	1,000 00	
Park Improvement 6 per cent. 1895 Loan.....	700 00	
Western Maryland Railroad 6 per cent. 1902 Loan	1,300 00	
		$38,900 00
Water 5 per cent. 1894 Loan	$21,600 00	
Water 5 per. cent. 1916 Loan	15,200 00	
Jones' Falls 5 per cent. 1900 Loan.....	100 00	
		36,900 00
Consolidated 3½ per cent. 1930 Loan.....		25,300 00
Western Maryland Railroad 3¼ per cent. 1927 Loan		12,200 00
Cash.....		4,629 31
		$117,929 31

STATEMENT No. 3—Continued.

Internal Improvement 1928 *Loan Sinking Fund:*		
Jones' Falls 6 per cent. 1900 Loan	$20,500 00	
Funding 6 per cent. 1900 Loan	8,800 00	
City Hall 6 per cent. 1900 Loan	12,400 00	
City Hall 6 per cent. 1902 Loan	3,500 00	
Park Improvement 6 per cent. 1895 Loan	865 00	
Western Maryland Railroad 6 per cent. 1902 Loan	6,000 00	
Consolidated 6 per cent. 1893 Loan	5,200 00	
Exempt 6 per cent. 1893 Loan	3,200 00	
		$60,465 00
Water 5 per cent. 1916 Loan	$46,800 00	
Funding 5 per cent. 1916 Loan	8,900 00	
Water 5 per cent. 1894 Loan	26,200 00	
Am'ts carried forward...	$81,900 00	$60,465 00

STATEMENT No. 3—Continued.

Am'ts bronght forward...	$81,900 00	$60,465 00
Jones' Falls 5 per cent. 1900 Loan.....	1,200 00	
		83,100 00
Harford Run 4 per cent. 1920 Loan.....	$ 7,700 00	
Western Maryland Railroad 4 per cent. 1925 Loan	19,600 00	
Water 4 per cent. 1926 Loan	1,100 00	
		28,400 00
Jones' Falls 3.65 per cent. 1900 Loan		7,500 00
Western Maryland Railroad 3¼ per cent. 1927 Loan		14,900 00
Cash.....		10,545 78
		$204,910 78

STATEMENT No. 3—Concluded.

RECAPITULATION.

General Sinking Find	$7,279,010 93
Public Park Sinking Fund	107,905 47
W. Md. R. R. 1925 Loan Sinking Fund,	55,680 85
W. Md. R. R. 1927 Loan Sinking Fund,	117,139 13
Hillen Station Sinking Fund	44,402 04
W. Md. R. R. Terminal Co. Sinking Fund	14,028 97
Water 1926 Loan Sinking Fund	117,929 31
Internal Improvement 1928 Loan Sinking Fund	204,910 78
	$7,941,007 48

STATEMENT No. 4.

Condition of the Enoch Pratt Free Library Sinking Fund, held in trust by the Commissioners of Finance, as per Ordinance No. 64, 1883, on December 31st, 1892.

Funding 6 per cent. 1900 Loan	$16,900 00	
City Hall 6 per cent. 1900 Loan	35,700 00	
City Hall 6 per cent. 1902 Loan	6,500 00	
W. Md. R. R. 6 per cent. 1902 Loan	21,300 00	
Consolidated 6 per cent. 1893 Loan	14,900 00	
Park Improvement 6 per cent. 1895 Loan	700 00	
Jones' Falls 6 per cent. 1900 Loan	11,300 00	
Exempt 6 per cent. 1893 Loan	4,200 00	
		$111,500 00
W. Md. R. R. 6 per cent. 3d mortgage guaranteed bonds		10,000 00
Water 5 per cent. 1916 Loan	54,300 00	
Funding 5 per cent. 1916 Loan	2,500 00	
Am'ts carried forward	$56,800 00	$121,500 00

STATEMENT No. 4—Concluded.

Am'ts brought forward.	$56,800 00	$121,500 00
Jones' Falls 5 per cent. 1900 Loan	81,200 00	
Water 5 per cent. 1894 Loan	22,900 00	
		160,900 00
Paving 4 per cent. 1920 Loan	62,300 00	
Patterson Park 4 per cent. 1920 Loan	195,000 00	
Water 4 per cent. 1922 Loan	500,000 00	
W. Md. R. R. 4 per cent. 1925 Loan	2,100 00	
Harford Run 4 per cent. 1920 Loan	900 00	
Water 4 per cent. 1926 Loan	1,000 00	
		761,300 00
Consolidated 3½ per cent. 1930 Loan	113,200 00	
Internal Improvement 3½ per cent. 1928 Loan	13,200 00	
		126,400 00
W. Md. R. R. 3¼ per cent. 1927 Loan		4,000 00
Cash		415 31
		$1,174,515 31

STATEMENT No. 5.

Condition of the Horwitz Benevolent Fund, held by the Commissioners of Finance, as per Resolution No. 7, of the Mayor and City Council of Baltimore, approved December 7th, 1888, on December 31st, 1892.

Funding 6 per cent. 1900 Loan	$1,800 00	
City Hall 6 per cent. 1900 Loan	1,300 00	
W. Md. R. R. 6 per cent. 1902 Loan	5,300 00	
Jones' Falls 6 per cent. 1900 Loan	200 00	
		$8,600 00
Water 5 per cent. 1916 Loan	100 00	
Water 5 per cent. 1894 Loan	500 00	
		600 00
W. Md. R. R. 4 per cent. 1925 Loan		300 00
Jones' Falls 3.65 per cent. 1900 Loan		100 00
W. Md. R. R. 3½ per cent. 1927 Loan		200 00
Cash		73 89
		$9,873 89

STATEMENT No. 6.

A Schedule of Real Estate and Ground Rents upon the books of the Commissioners of Finance.

LESSEES.	LOCATION OF LOTS.	ANNUAL RENTAL.
Swain & Banks	Nos. 9, 10, 11 and 12 President street	$ 452 25
C. S. Maltby	Nos. 24, 25, 26, 27, 28, 29 and 30 south side Block street	910 88
C. S. Maltby	Nos. 5, 6, 7 and 8 north side of Block street.	293 60
Sisters of Mercy	Calvert Street Spring Lot	1,000 00
Baltimore and Philadelphia Steamboat Company	200 feet Pratt Street wharf	3,600 00
Platt & Co	Old Fish house property, south side of basin.	1,457 00
Jno. G. Huck	Light street, corner of Weyler street	75 70
E. B. Hunting & Co	Nos. 5, 6, 7 and 8 President street	502 50
Geo. Hickman	Fayette and Arch streets	52 00
Boys' Home Society	Pleasant and Calvert streets	50 00
James Clark & Co	City Yard property	497 25
Baltimore Dredging Co	City Yard property	480 00
Sarah A. Vogt	Battery avenue	157 50
Sophia M. Kelly	Nos. 21, 22, 23, 24, 25 and 26 Weyler street.	150 00
Aaron Hess	No. 27 Weyler street	33 60

Jno. F. Weyler	No. 28 Weyler street	19 20
James Baumgarten	No. 29 " "	26 32
William Kleinhenn	No. 30 " "	26 32
Mrs. A. Young	Nos. 31 and 32 Weyler street	52 64
Chas. N. Oehm	No. 33 Weyler street	26 32
H Klasmeier	No. 34 " "	25 48
Catharine Karch	No. 35 " "	26 32
Mary A. Steen	Nos. 37 and 38 Weyler street	52 64
F. Kull	No. 39 Weyler street	19 20
George Wimmer	No. 40 " "	20 32
E. Snellenberg	Nos. 41 and 42 Weyler street	54 49
J. A. J. Goetz	No. 43 Weyler street	29 60
F. Schott	No. 49 " "	26 32
August Pfeil	No. 45 " "	29 60
August Pfeil	Light and Weyler streets	78 06
		$10,225 11

Purchased by authority of Ordinance No. 81, *of* 1881.

Baltimore Belt Railrod Co	Park avenue near Preston street	$549 00	
Mayor and City Council	Hollins and Monroe streets	750 00	
" " "	Howard & Little Montgomery sts	120 00	
" " "	Penna. avenue and Robert street	86 00	
	Amounts carried forward	$1,505 00	$10,225 11

STATEMENT No. 6—Concluded.

LESSEES.	LOCATION OF LOTS.		ANNUAL RENTAL.
	Amounts brought forward.....	$1,505 00	$10,225 11
Mayor and City Council.....	Old Frederick road & Fairview ave.	360 00	
" " "	Waesche street near Fremont.....	480 00	
" " "	Castle street.....	209 25	
" " "	Hanover and Lee streets.....	210 00	
" " "	Sharp and West streets.....	570 00	
" " "	Argyle avenue near Lanvale street..	120 00	
" " "	Hull and Clement streets.....	350 00	
" " "	Linden avenue and Wilson street..	840 00	
" " "	Charles and Ostend streets.....	372 50	
" " "	Ann and Chase streets.....	501 75	
" " "	Howard street, opposite Centre....	1,000 00	
" " "	Preston and Eden streets.....	80 00	
" " "	Broadway and Bank street.....	200 00	
" " "	Mosher and Gilmor streets.....	757 00	
" " "	Monument and Chester streets....	1,200 00	
" " "	Collington Square.....	960 00	
" " "	Perkins Spring.....	2,052 00	

"	"	"	.....	Riverside Park.....	3,770 62	
"	"	"	.....	Holliday and Fayette streets.....	56 00	
"	"	"	.....	Lexington and Paca streets.....	228 00	
						15,822 12
				(Purchased at a cost of $274,235.27)		$26,047 23

STATEMENT No. 7.

Statement of Funded Debt December 31st, 1892.

Name of Loan.	Rate.	When Redeemable.	Account.
Exempt	6 per cent.	At pleasure after Sept. 1, 1893	$ 410,353 87
Water	6 "	" " July 1, 1894	263,000 00
"	5 "	" " July 1, 1894	3,737,000 00
"	5 "	" " July 1, 1916	5,000,000 00
"	4 "	" " Nov. 1, 1922	500,000 00
"	4 "	" " Nov. 1, 1926	1,000,000 00
Funding	6 "	" " July 1, 1900	800,000 00
"	5 "	" " July 1, 1916	1,000,000 00
Harford Run	4 "	" " Jan. 1, 1920	250,000 00
Paving	4 "	" " Nov. 1, 1920	500,000 00
Consolidated	3½ "	" " July 1, 1930	5,000,000 00
"	6 "	September 1, 1893	2,211,068 05
Park Improvement	6 "	January 1, 1895	185,723 80
Jones' Falls	6 "	April 9, 1900	800,000 00
" "	5 "	" 9, 1900	957,000 00
" "	3.65 "	" 9, 1900	483,000 00
" "	3½ "	" 9, 1900	160,000 00
" "	3 "	" 9, 1900	100,000 00

City Hall	6 per cent.	April 15, 1900	1,000,000 00
City Hall	6 "	March 7, 1902	500,000 00
Western Maryland Railroad	6 "	January 1, 1902	1,000,000 00
" " "	4 "	July 1, 1925	684,000 00
" " "	3½ "	January 1, 1927	1,704,000 00
Internal Improvement	3½ "	July 1, 1928	4,850,000 00
Harford Run	4 "	November 3, 1904	350,000 00
Patterson Park	4 "	October 1, 1920	200,000 00
Overdue Stock	6 "	No interest allowed	482 00
Water, 1875	6 "	" "	540 00
One Million, 1886	6 "	" "	630 50
Consolidated, 1890	6 "	" "	18,695 81
Five Million, 1890	6 "	" "	4,803 45
Public Park, 1890	6 "	" "	1,000 00
		Total funded debt	$33,671,297 48

GUARANTEED DEBT.

Western Maryland Railroad third mortgage bonds	$875,000 00	
Union Railroad Company first mortgage bonds	117,000 00	
		992,000 00
Total funded and guaranteed debt		$34,663,297 48

STATEMENT No. 8.

Balance Sheet of Sinking Funds Ledger December 31st, 1892.

	Dr.	Cr.
General Sinking Fund....		$181,438 29
Public Park Sinking Fund		107,905 47
Western Maryland R. R. Terminal Co. Sinking Fund.....		628 97
Western Maryland R. R. 1925 Loan Sinking Fund		980 85
Western Maryland R. R. 1927 Loan Sinking Fund		239 13
Hillen Station Sink'g Fund		602 04
Inter. Impt. 1928 Loan Sinking Fund		10,545 78
Water 1926 Loan Sinking Fund.....		4,629 31
Six Million Loan Sinking Fund	655 45	
Enoch Pratt Free Library Sinking Fund		415 31
Horwitz Benevolent Fund		73 89
Redemption of Five Million 1890 Loan.....		4,803 45
Balance.....	311,607 04	
	$312,262 49	$312,262 49

STATEMENT No. 9.

Indebtedness of the Western Maryland Railroad Company to the Mayor and City Council of Baltimore, December 31st, 1892.

First Mortgage Bonds held by Commissioners of Finance	$43,500 00	
Interest thereon from July 1st, 1890	6,525 00	
		$50,025 00
Second Preferred Mortgage Bonds held by Commissioners of Finance	$178,500 00	
Interest thereon from July 1st, 1890	26,775 00	
		$205,275 00
Accrued interest to January 1st, 1887, on Second Mortgage endorsement		333,000 00
Third Mortgage endorsement	$875,000 00	
Interest thereon to Decem- 31st, 1892	1,155,000 00	
		$2,030,000 00
Fourth Mortgage, to secure loan of City stock	$1,000,000 00	
Interest thereon to December 31st, 1892	1,230,000 00	
		$2,230,000 00
Am't carried forward		$4,848,300 00

STATEMENT No. 9—Continued.

Am't brought forward..		$4,848,300 00
Fifth Mortgage, to secure loan of City stock.....	$1,704,000 00	
Interest thereon from July 1st, 1890.....	138,450 00	
		$1,842,450 00
Loan of City stock, authorized by Ordinance No. 71, 1882.....	$684,000 00	
Interest thereon from July 1st, 1890.....	68,400 00	
		$752,400 00
Funded certificates, being amount of matured coupons of first and second preferred mortgage bonds, funded as per Ordinance No. 22, 1879.	$226,530 00	
Interest thereon from January 1st, 1890.....	40,775 40	
		$267,305 40
Coupons from first mortgage unendorsed bonds.	$71,742 00	
Interest thereon to December 1st, 1892.....	69,511 69	
		$141,253 69
Am't carried forward....		$7,851,709 09

STATEMENT No. 9—Concluded.

Am't brought forward....		$7,851,709 09
Less:		
Value of W. Md. R. R. 1925 Loan Sinking Fund,	$ 55,680 55	
Value of W. Md. R. R. 1927 Loan Sinking Fund,	117,139 13	
		$172,819 68
		$7,678,889 41

NAME OF ISSUE.	RATE PER ANNUM.	WHEN PAYABLE.	WHERE PAYABLE.
City Hall Loan 1900.....	6 per cent.	Jan., April, July and Oct.	Nat. Farm. & Plant. Bank.
" " 1902.....	6 "	" " "	" "
Funding " 1900.....	6 "	" " "	" "
W. M. R. R. Loan 1927..	3¼ "	January and July.....	" "
Consolidated Loan 1930..	3½ "	" "	" "
Patterson Park Extension Loan 1920.....	4 "	Jan., April, July and Oct.	National Mechanics' Bank
Park Impt. Loan 1895...	6 "	" " "	" "
Public Park Loan 1890..	6 "	Mar., June, Sept. and Dec.	" "
Jones' Falls " 1900..	6 "	Feb., May, Aug. and Nov.	" "
" " 1900..	5 "	" " "	" "
" " 1900..	3.65 "	" " "	" "
" " 1900..	3½ "	" " "	" "
" " 1900..	3 "	" " "	" "
W. M. R. R. " 1902..	6 "	January and July.....	" "
" " " 1925..	4 "	" "	" "
Harford Run Improvem't Loan 1920.....	4 "	" "	" "
Completion of Harf'd Run Improvement Loan 1904	4 "	January and July.....	" "

Paving Loan 1920	4	"	May and November	National Mechanics' Bank
Water " 1916	5	"	" "	" "
" " 1894	6	"	" "	" "
" " 1894	5	"	" "	" "
" " 1922	4	"	" "	" "
" " 1926	4	"	" "	" "
Funding Loan 1916	5	"	" "	" "
Exempt " 1893	6	"	March and September	" "
Consolidated Loan 1893	6	"	" "	" "
Internal Imp't Loan 1928	3½	"	January and July	Farm. & Mer. Nat. Bank.
Six Million Loan 1940	4	"	" "	Merchants' Nat. Bank

GUARANTEES.

NAME OF ISSUE.	RATE PER ANNUM.	WHEN PAYABLE.	WHERE PAYABLE.
Western Maryland R. R. Company's Bonds	6 per cent.	January and July	National Mechanics' Bank
Union R. R. Company's Bonds	6 "	" "	Franklin Bank.

ANNUAL REPORT

—OF THE—

CITY · COMPTROLLER

—TO THE—

Mayor and City Council of Baltimore,

—FOR THE—

Fiscal Year Ending December 31st, 1892.

REPORT.

DEPARTMENT OF THE CITY COMPTROLLER.

BALTIMORE, January 1st, 1893.

To the Honorable the Mayor
and Ctiy Council of Baltimore.

GENTLEMEN:

I have the honor of presenting herewith the report of the City Comptroller's Department for the year ending December 31st, 1892.

STATEMENT OF RECEIPTS.

From the City Collector, on account of the tax levy for 1892	$3,189,934 99
From the City Collector, on account of taxes in arrears	1,179,747 60
From the City Collector, on account of interest on taxes in arrears	32,472 67

From the City Collector, on account of renumbering houses	$ 2 25	
From the City Collector, on account of opening, closing and paving streets	131,987 86	
		$4,534,145 37
From market rents and licenses		54,333 70
" rent of public halls		600 00
" wharfage by Harbor Masters		29,303 36
" Park Board, account of the several parks		199,234 55
" the Jail Visitors, for board of U. S. prisoners, &c.		6,560 99
" County Commissioners of several counties, for cases removed and tried in the City courts		1,682 21
" the Water Board, for rents, &c		781,790 95
" the Pound Master, from the sale of dogs		221 75
" ground rents due by sundry parties		160 00
" the Trustees of Bayview Asylum, for board of inmates, &c		2,136 07
" the Health Department, from sale of virus, &c		52 65
" Quarantine Hospital fees		7,249 67
" judgments and suits per City Solicitor		8 00
" Park Board, for account of Patterson Park extension		2 46

From Park Board, for account of Harlem Park	$3,349 30
" Park Board, for account of Eutaw Squares, 1st division	1,507 66
" Park Board, for account of Eutaw Squares, 2d division	1,979 12
" Park Board, for account of Madison Square	1,734 66
" Park Board, for account of Lafayette Square	3,709 35
" Park Board, for account of Perkins Spring Square	1,190 28
" Park Board, for account of Union Square	1,093 45
" Park Board, for account of Fulton Avenue Squares and Baker Circle	4,081 88
" Park Board, for account of Broadway Squares, 1st division	2,329 41
" Park Board, for account of Broadway Squares, 2d division	2,950 00
" Park Board, for account of Broadway Squares, 3d division	2,999 72
" Park Board, for account of Franklin Square	1,477 00
" Park Board, for account of Mount Vernon Squares	1,199 96
" Park Board, for account of Park Place Squares	1,000 00
" Park Board, for account of Ashland Square	98 43

From	Park Board, for account of Eastern Fountain	$1,619 27
"	the Park Board, for account of Mt. Royal Avenue Squares	2,989 53
"	the Park Board, for account of Jackson Square	1,282 81
"	the Park Board, for account of Taney Place Squares	248 63
"	the Park Board, for account of Wilkens Avenue Squares	2,877 47
"	the Commissioner of Street Cleaning, for the sale of dirt, &c	1,124 05
"	the Harbor Board, account of removing ashes from tow boats	775 00
"	sundry parties, for injury to street lamps	378 02
"	Inspector of Buildings, account of repairs public schools	8 00
"	permits and advertising, for erecting sheds, &c	8,977 55
"	the City Commissioner, for repairs paved streets	397 80
"	the City Commissioner, for repairs bridges	22 58
"	the City Commissioner, for repairs sewers	7,146 77
"	the City Commissioner, for Light Street bridge	14 00
"	the City Commissioner, for improvement Harford Run	58 00

From the City Commissioner, for building North Avenue bridge..	$ 473 79
" the City Commissioner, for raising Gwynn's Falls bridge	14 00
" the City Commissioner, for shelling Leadenhall street.....	5 00
" the sale of improvement Jones' falls stock.....	28,000 00
" the Mayor, from the World's Fair Committee.....	26 25
" the sale of tickets, for transportation of poor	103 72
" auctioneers, for State tax on sales.	8,669 67
" the Superintendent City Hall, for sale of old carpet	27 00
" the City Librarian, for sale of Codes and Ordinances.....	65 09
" Superintendent City and Circuit Court building, sale old material.	22 00
" licenses for wagons, carts, billiards, &c..	48,432 75
" the Fire Commissioners, for sale of refuse.....	219 35
" magistrates, for violation of City ordinances	3,983 40
" the City Commissioner, for account of advertising	189 00
" the City Commissioner, for sale old material, 1928 loan	704 33
" the City Commissioner, for account repairs streets, Annex.....	322 88

From	City's deposits in various banks..	$ 15,859 10
"	direct tax in the City Annex.....	164,871 81
"	interest in the City Annex.....	4,058 54
"	the State Treasurer, for liquor licenses.....	380,315 14
"	sundry parties, difference in board of insane patients.....	2,850 00
"	State tax on City loans.....	6,531 50
"	assistance to Examiner of Titles...	50 00
"	the inspection of gas meters.....	2,114 25
"	the sale of property owned by the City.....	11,353 00
"	the Park Board, interest on public park loan.....	8,000 00
"	the Water Board, interest on water loans.....	512,630 00
"	Western Maryland R. R., interest on loans.....	82,740 00
"	Commissioners of Finance.....	80,820 00
"	sale of internal improvement 1928 stock.....	1,889,770 92
"	intestate estates.....	1,937 72
"	tax sales for the redemption of property previously sold for taxes.....	5,618 42
"	the City Commissioner, for vaults and areas.....	6 00
"	the Chesapeake and Potomac Telephone Company, on account of conduits.....	6,953 70

From Park Boad, for condemnation of land in Druid Hill Park	$13,057 45
" turnpike dividends	271 15
" conscience fund	6,766 56
" wharfage, sixth district	100 00
" City seals	19 00
" State of Maryland, for City's proportion of public school tax	184,697 62
" the Secretary of School Board, for use of books, &c	3,532 50
" J. F. Plummer, interest on legacy to public schools	114 50
" damages and expenses for opening, closing and paving streets and alleys	84,530 28
Balance in hands of the City Register January 1st, 1892	458,267 01
	$9,695,195 83

STATEMENT OF DISBURSEMENTS.

For cleaning and repairs of markets	$4,713 78
" cleaning and repairs of public halls	210 25
" Criminal Court	59,988 80
" Superior Court	12,652 74
" Baltimore City Court	12,139 15
" Court Common Pleas	11,449 52
" Circuit Court	2,794 47
" Circuit Court No. 2	2,425 00
" Orphans' Court	7,929 07
" Magistrates	16,418 58

For Judgments and suits	$ 7,272 69
" Police Department	789,217 61
" expenses of the Supervisors of Elections	12,072 54
" registration	39,474 76
" expenses and incidentals of the City Council	61,406 41
" expenses of the Jail	53,363 72
" Public Schools, salaries	717,114 85
" Public Schools, general	155,031 47
" Manual Training School	24,996 81
" Water Board	894,195 79
" the Dog Pound	900 24
" ground rents due by the City	10,573 21
" interest on loans and discount on taxes	96,113 32
" Park Board	208,667 25
" Patterson Park extension	54,291 87
" Harlem Park	3,998 30
" Eutaw Squares, 1st division	1,779 19
" Eutaw Squares, 2d division	1,942 06
" Madison Square	1,847 68
" Lafayette Square	3,648 51
" Perkins Spring Square	1,300 00
" Union Square	1,059 95
" Fulton Avenue Squares and Baker Circle	4,081 95
" Broadway Squares, 1st division	2,271 34
" Broadway Squares, 2d division	2,950 00
" Broadway Squares, 3d division	2,998 92
" Franklin Square	1,346 17

For Bayview Asylum	$94,893 64
" Health, salaries	38,450 00
" Health, general	18,032 47
" nuisances	17,120 75
" Quarantine Hospital	17,975 43
" cleaning streets	276,782 85
" harbor	47,000 00
" Ice-boat F. C. Latrobe	8,662 22
" repairs of wharves	2,811 91
" removing ashes from tow boats	1,142 78
" City Collector, expenses of office	54,093 95
" electric lights	123,903 85
" Appeal Tax Court	382 26
" gas	132,571 58
" gasoline	7,249 67
" lamplighters' salaries	47,125 43
" Inspector of Buildings	6,200 00
" repairs of Public Schools	13,000 00
" repairs of City property	20,000 00
" permits for sheds, &c	482 99
" cleaning cesspools	779 75
" building partition in No. 10 School	250 00
" grading and paving yard of No. 21 School	3,000 00
" building Grammar and Primary School No. 19	21,057 76
" building Public School No. 25	11,362 49
" building English-German School No. 1	23,933 77
" building Grammar School No. 18	30,500 00

For repairing and furnishing Sheriff's office	$ 300 00
" building Colored School No. 3	17,557 68
" painting Lafayette Market	1,000 00
" painting Cross Street Market	1,500 00
" repairing Criminal Court	400 00
" extra help, Inspector of Buildings	3,000 00
" painting school houses	4,000 00
" sanitary and other improvements	8,000 00
" wood and iron ceilings, Public Schools	4,000 00
" improvements, Grammar No. 10 and Primary Nos. 17, 28 and 33	550 00
" storm doors in school houses	536 83
" partition, No. 21 Primary School	150 00
" repairing No. 15 Engine House	350 00
" additional story, English-German School No. 1	13 34
" repairing and furnishing Armory of Woodberry Guards	500 00
" repaving Belair Market	1,214 39
" addition to No. 20 School	8,999 68
" repairs paved streets	91,655 68
" repairs bridges	6,041 63
" repairs sewers	9,498 26
" Light Street bridge	9,345 94
" salaries of the City Commissioner's office	10,439 53
" flag and stepping-stones	7,851 49
" cross streets	3,303 35
" improvement Harford run	10,493 89

For repairs unpaved streets	$1,360 45
" Wolfe Street sewer	9,922 55
" Jenkins Run sewer	5,228 94
" Presbury Street sewer.	130 57
" Fremont Street sewer	7,512 93
" Cross Street sewer	19,837 55
" Carey Street relief sewer	101,163 41
" Fulton Avenue and Eagle St. sewer,	44,428 66
" Read Street sewer	24,747 30
" Lovegrove Alley sewer	697 42
" Federal Street sewer	4,195 71
" Eden Street sewer	30,539 67
" Ann and Gay Street sewer	227 81
" inlets Barnes and other streets	5,048 26
" Pulaski and Franklin Street sewer	22,981 28
" Eager Street sewer	46 38
" Druid Hill Avenue sewer	54,569 32
" Bush Street sewer	39,689 46
" iron plates, Gilmor and Pratt streets	5 00
" Pulaski Street sewer	3,528 37
" rebuilding Light Street bridge	2,197 41
" paving streets around Lafayette Market	1,576 60
" building North Avenue bridge	11,583 12
" bulkhead at Ferry Point road	12,770 98
" building Douglas Street bridge	17,827 07
" paving City property	452 14
" kerbing Park avenue	5,741 60
" raising Gwynn's Falls bridge	7 50
" trapping inlets McHenry and Pulaski streets	295 50

For stone gutters, Saratoga and Park streets	$ 374 69
" inlets, Schroeder's run	1,518 15
" trapping inlets, Calhoun street	179 13
" shelling Point lane	471 17
" paving streets around Richmond Market	788 00
" shelling East Monument street	492 18
" iron plates Conway, Barre and Lee streets	2,249 00
" iron plates Hanover and West sts.	1,039 64
" trapping inlets southwest corner Arch and Raborg streets	142 50
" board walk Warner street	299 29
" Penn street sewer	16,275 89
" shelling Leadenhall street	300 00
" gravelling Fulton avenue	962 78
" shelling Monroe street	194 33
" repairing Falls road	4,975 51
" inlets Central avenue and High alley	331 59
" iron plates, various places	3,569 24
" flagstones Cathedral and Centre streets	44 00
" flagstones head of docks	685 89
" inlets sewer on McHenry street	1,958 05
" inlets Caroline and Madison streets.	1,782 07
" trapping inlets McMechen street and Foster alley	245 44
" repairing Wilkens avenue	596 45
" flagstones at Aisquith street	43 41
" triangular space, Park avenue	599 91

For inlets Cross and Hanover streets....	$3,992 19
" shelling East Baltimore and Fayette streets and Loney's lane.....	1,383 44
" iron plates Pratt and Eden streets..	841 01
" iron plates Patterson avenue.	288 98
" drain pipe East Baltimore street ...	1,000 00
" paving Feli's Point Market.....	156 24
" iron plates Argyle avenue	699 39
" inlets Eden and Orleans streets.....	1,290 70
" Hoffman Street sewer.....	6,437 93
" Mayoralty.....	2,295 80
" transportation of poor.....	756 14
" Superintendent City Hall.....	16,377 30
" City Librarian.....	6,468 19
" refunded taxes.....	2,414 70
" expense of the Court House and Record Office	5,397 55
" expense of the City and Circuit Court building	4,139 37
" general license	1,558 05
" general expense.....	1,336 64
" expenses of the Fire Department. ..	319,343 13
" fire-alarm boxes, various places....	4,813 45
" keyless doors on fire-alarm boxes...	1,650 00
" damage to alarm boxes by electric light wires	1,035 77
" Quarantine telephone line.....	1,796 24
" fines remitted by the Mayor..	622 00
" public printing	5,168 56
" Liquor License Commission	13,995 15
" electric lights, City Annex	470 50

For gas, City Annex	$13,472 09
" gasoline, City Annex	5,420 90
" lamplighters, salaries, City Annex	12,389 16
" health, salaries, City Annex	3,800 00
" expenses of the Fire Department, City Annex	33,146 95
" cleaning streets, City Annex	17,417 71
" nuisances, City Annex	2,425 51
" repairs, streets, roads, &c., City Annex.	27,725 56
" public schools, City Annex	19,132 71
" public schools, salaries, City Annex.	83,853 25
" repairs, City property, City Annex.	4,994 16
" expenses, Collector's Office, City Annex.	2,599 92
" discount on taxes, City Annex	3,185 31
" refunded taxes, City Annex	164 47
" repairing Chestnut Hill avenue, City Annex	8 83
" repairing Cedar avenue, City Annex.	133 75
" fire-plugs at Carroll, City Annex.	250 00
" repairing Gorsuch avenue, City Annex.	148 16
" building Annex School No. 11, City Annex.	11,706 06
" building Annex School No. 10, City Annex.	15,000 00
" building Engine House No. 18, City Annex.	9,798 87
" repairing Slingluff avenue, City Annex	396 17

For repairing Hickory and Roland avenues, City Annex	$ 92 00
" repairing Hollins street, City Annex	396 41
" repairing Loudon avenue, City Annex	392 55
" improving Jackson, Washington and other streets, City Annex	4,942 71
" building Annex School No. 8, City Annex	10,922 75
" special assessment, taxes in the Annex, City Annex	1,008 14
" repairing Rayner avenue, City Annex	443 72
" repairing Millington avenue, City Annex	496 20
" repairing Old Frederick Road, City Annex	995 87
" repairing Augusta avenue, City Annex	345 80
" repairing Third avenue, City Annex	752 75
" repairing Carroll street, City Annex	469 10
" repairing Lombard street, City Annex	390 34
" repairing Park Heights avenue, City Annex	491 40
" general sinking fund	129,736 07
" internal improvement, 1928 sinking fund	78,502 37
" water, 1926 sinking fund	26,608 48
" Mount Vernon Squares	1,200 00
" Park Place Squares	930 88

For Ashland Square	$ 124 81
" Eastern Fountain	1,703 91
" Mount Royal Avenue Squares	2,986 13
" Jackson Square	1,274 34
" Taney Place Squares	299 13
" Wilkens Avenue Squares	2,116 44
" House of Refuge	19,998 12
" House of Reformation	12,000 00
" Mount Hope Retreat	38,000 00
" Maryland Hospital for the Insane	23,882 16
" St. Joseph's House of Industry	1,000 00
" Female House of Refuge	4,000 00
" Industrial Home for Colored Girls	2,500 00
" Boys' Home Society	3,000 00
" Hospital of the University of Maryland	8,619 87
" Hospital of the College of Physicians and Surgeons	15,576 72
" Maryland General Hospital	7,605 00
" Baltimore University Hospital	5,070 00
" Hospital of the Good Samaritan	1,397 89
" St. Joseph's Hospital	3,380 00
" Maryland Homeopathic Hospital	1,642 11
" St. Agnes Hospital	1,459 67
" St. Vincent's Infant Asylum	5,000 00
" St. Mary's Female Orphan Asylum,	8,170 00
" Home of the Friendless	2,100 00
" Nursery and Child's Hospital	3,708 30
" St. Elizabeth's Colored Orphan Asylum	3,000 00

For St. Mary's Home for Colored Children	$ 500 00
" Shelter for Aged Colored Poor	500 00
" St. Mary's Industrial School	20,000 00
" Dispensaries	11,950 00
" Deaf and Dumb at Frederick	498 20
" State tax on City loans	30,257 95
" special appropriations	4,858 56
" assistance to Examiner of Titles	1,050 00
" salaries of City Officers	77,808 39
" Coroners	4,975 00
" Commissioners for Opening Streets	173 84
" sale of City property	577 65
" transportation to House Correction	163 20
" Maryland Institute	6,000 00
" Enoch Pratt Free Library	50,000 00
" Ice-boat Annapolis	7,500 00
" ringing Mechanics' bells	200 00
" winding Maryland Institute clock	75 00
" post mortems	1,500 00
" Supreme Bench	2,970 73
" care of Circuit Court No. 2	899 91
" Commissions and incidentals of Harbor Masters	7,547 29
" interest on stock debt	1,503,491 22
" removing refuse from packing houses	5,000 00
" rent of Circuit Court No. 2	900 00
" Inspector of Gas and Oils, livery, &c.	315 53
" internal improvement, 1928 loan	9,070 92
" furniture for Hollins Hall	276 48

For removed cases	$ 2,055 99
" elections	19,307 51
" intestate estates	1,937 55
" paving private alleys	36 40
" tax sales	3,217 95
" new City code	2,008 78
" condemnation of land in Druid Hill Park	4,902 25
" removal of Foley's wharf	7,205 42
" hose for various markets	465 30
" dredging Spring Gardens	30,000 00
" weights and measures for new Inspector	219 00
" Fourth Battalion, I. M. N. G.	3,000 00
" fire plugs, various places	525 00
" fire plug, Fells' Point Market	50 00
" drinking fountain, Block street	75 00
" sprinkling Mt. Royal avenue	1,000 00
" removing filth from docks	4,474 25
" widening mouth of the harbor	14,851 09
" new boiler and repairs to tug	6,745 07
" dredging Jones' falls	15,000 00
" Manual Training School for Colored Youths	7,377 54
" Johnston Square	1,592 64
" commission to Harbor Master, 6th district	20 00
" music in the parks	3,000 00
" Manual Training School, House of Refuge	2,000 00
" building annex to City Jail	3,470 94

For purchase of land for Federal Hill Park	$7,813 87
" drinking fountain, Greenmount avenue and Hoffman street	70 00
" drinking fountain, Bayard and Cleaveland streets	75 00
" fire plug, Pulaski and Ramsay streets	100 00
" fire plug, Barre and Ridgely streets,	75 00
" water mains, Wilkens avenue	1,500 00
" drinking fountain, Foster avenue and Port street	75 00
" drinking fountains, various places	225 00
" drinking fountain, Saratoga street	75 00
" drinking fountain, McHenry street and Goldsmith alley	75 00
" drinking fountain, North and Madison avenues	75 00
" drinking fountain, Poppleton and Saratoga streets	75 00
" fire plug, Block street	75 00
" Public School Exhibit at World's Fair	140 00
" damages and incidentals, in opening and closing streets	860,810 04
" paving streets and alleys	593,132 31
Balance in hands of City Register, December 31, 1892	263,040 48
	$9,695,195 83

Ordinance No. 92, of May 23d, 1891, authorized the Mayor, Comptroller and Register to sell, on such terms as they may deem most advantageous for the interest of the City, all the ground belonging to the Mayor and City Council of Baltimore embraced within what was the bed of Belvidere street. By virtue of the authority indicated above, the whole of the property was sold as follows:

The first piece was sold to Messrs. J. N. Bowen and Henry L. Brack for the sum of $3,425; piece No. 2 sold to Mr. Hiram Woods for the sum of $3,025; piece No. 3 to Mr. Hiram Woods for the sum of $1,350; aggregating the sum of $7,800, which amount has been covered into the City Treasury.

By virtue of authority vested in me by Article 49, of Baltimore City Code, title "Taxes," I offered for sale at public auction, October 10th, 1892, fourteen (14) pieces of property which the City became possessed of through tax sales. The amount realized therefrom was $3,550, which amount has been covered into the City Treasury.

The receipts from licences, the payment for which comes directly under the Comptroller, have been $48,-432.75, specifically arranged in this report under Table C, according to their character; this exceeds those of last year nearly $2,000, and are $3,000 greater than estimated by the Committee on Ways and Means.

It will be seen by reference to statement of the internal improvement 1928 loan account, that there has been expended for various improvements provided for under said loan the sum of $3,980,967.09, of which amount the sum of $1,601,395.55 has been expended during the year ending December 31st, 1892. There remains thereof of this loan, which was five millions of dollars, the sum of $1,019,032.91. As the improvements, the expense of which comes out of this loan, are still in progress, the balance left will be absorbed thereby, and hence no further appropriations can be made by the Mayor and City Council under the five million loan.

STATEMENT OF EXPENDITURES UNDER THE FIVE MILLION LOAN.

For Public Schools and lots	$369,486 53
" Public Park, S. W. Baltimore	50,000 00
" Improvement of Patterson Park	193,152 53
" Construction of Bridges	249,377 96
" " Sewers	1,274,260 22
" paving streets with improved pavements.	718,187 42
" widening East Baltimore street.	168,194 33
" " Fayette street	582,399 64
" opening Douglas street	375,908 46
	$3,980,967 09

The last table in this report specifies the various purposes for which the amount expended this year has been used, and I respectfully refer you to the table for full information relative thereto.

I have the honor to be,

Very respectfully,

Your obedient servant,

JAMES R. HORNER,

Comptroller.

TABLES.

TABLE A.

DR. JOHN A. ROBB, *Register, in Account with*

1892.			
Jan.	1.	To balance	$ 458,267 01
Jan.	31.	To cash	259,956 53
Feb.	29.	"	939,250 03
Mar.	31.	"	394,555 67
April	30.	"	500,957 32
May	31.	"	1,043,253 39
June	30.	"	2,272,798 06
July	31.	"	1,235,707 86
Aug.	31.	"	270,599 02
Sept.	30.	"	194,833 14
Oct.	31.	"	366,986 50
Nov.	30.	"	566,394 49
Dec.	31.	"	1,191,636 81
			$9,695,195 83

TABLE A.

The Mayor and City Council of Baltimore Cr.

1892.						
Jan.	31.	By Comptroller's warrants..			$	742,064 61
Feb.	29.	"	"	"	..	448,989 84
Mar.	31.	"	"	"	..	476,072 48
April	30.	"	"	"	..	542,125 82
May	31.	"	"	"	..	1,090,060 50
June	30.	"	"	"	..	995,656 05
July	31.	"	"	"	..	987,604 63
Aug.	31.	"	"	"	..	646,134 46
Sept.	30.	"	"	"	..	722,965 29
Oct.	31.	"	"	"	..	890,450 71
Nov.	30.	"	"	"	..	1,241,238 60
Dec.	31.	"	"	"	..	648,792 36
Dec.	31.	"	"	"	..	263,040 48
						$9,695,195 83

TABLE B.

Collection of Taxes, Opening of Streets, &c., made by the City Collector, for the year ending December 31, 1892.

	1886.	1887.	1888.	1889.	1890.	1891.	1892.	Total.
Police Department	$44 80	$197 10	$688 87	$4,004 07	$34,062 73	$167,652 67	$449,003 53	$705,653 77
Certain Expenses	14 40	58 40	229 64	1,483 00	9,396 61	53,866 69	159,681 13	224,729 87
Public Schools	36 80	167 90	612 34	3,410 87	30,539 03	137,701 21	499,003 51	671,471 66
City Poor	12 80	65 69	229 64	1,186 30	11,745 80	59,870 08	199.601 38	272,711 69
Direct Tax	110 40	408 80	1,683 97	11,715 70	82,220 39	275,402 57	858,286 09	1,229,827 92
Miscellaneous Stocks	43 20	197 10	1,020 59	5,190 46	38,761 03	143,688 22	598,804 15	787,704 75
Opening Streets	6 40	58 40	331 70	741 48	7,047 45	23,948 02	59,880 39	92,013 84
Water Tax	3 20	14 59	51 03	296 58	2,349 16	11,974 02	39,920 27	54,608 85
Water 1926 Sinking Fund				74 14	587 25	6,433 48	19,960 12	27,054 99
Internal Improvement 1928 Sinking Fund				74 16	587 26	17,514 40	59,880 41	78,056 23
General Sinking Fund						29,935 01	99,800 69	129,735 70
	$272 00	$1 167 98	$4,847 78	$28,176 76	$217,296 71	$927,986 37	$3,093,821 67	$4,273,569 27
Interest	95 20	354 43	945 21	3,793 81	18,610 53	8,673 49		32,472 67
Discount							96,113 32	96,113 32
	$367 20	$1,522 41	$5,792 99	$31,970 57	$235,907 24	$936,659 86	$3,189,934 99	$4,402,155 26
Opening and Closing Streets and Alleys								131,970 54
Paving Streets and Alleys								17 32
Renumbering Houses								2 25
								$4,534,145 37

TABLE B—Concluded.

City Taxes received from the Annexed Territory during the year 1892.

Total amount received		$165,761 42
Of which there was collected		
on the levy of 1889	$ 803 42	
On the levy of 1890	5,106 51	
On the levy of 1891	41,259 80	
On the levy of 1892	118,591 69	
		165,761 42
The basis collected on—		
1889		$ 117,173 00
1890		784,635 00
1891		6,814,286 00
1892		20,293,439 00

TABLE C.

Hanover Market—John H. Mortimer, Clerk.

	Dr.	Cr.
Butcher stall rents		$1,469 00
Fish stall rents		154 00
Permanent stall rents		231 00
Eave stall rents		140 00
Street stall rents		829 00
Per diem rents		1,604 10
Licenses		845 00
Confiscated butter		50
		$5,272 60

TABLE C—Continued.

Belair Market—Joseph H. Wright, Clerk.

	Dr.	Cr.
Butcher stall rents		$2,295 00
Fish stall rents		174 00
Permanent stall rents		248 00
Eave stall rents		144 00
Street eave stall rents		260 00
Cucumber stall rents		456 00
Movable stall rents		248 00
Per diem rents		2,369 90
Licenses		1,905 00
		$8,099 90

TABLE C—Continued.

Cross Street Market—Chas. B. Kemper, Clerk.

	Dr.	Cr.
Butcher stall rents		$883 75
Fish stall rents		190 00
Permanent stall rents		395 00
Eave stall rents		430 00
Vegetable stall rents		295 00
Street eave stall rents		280 00
Per diem rents		2,212 20
		$4,685 95

TABLE C—Continued.

Lexington Market—James A. Strong, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$2,750 00
Fish " " ..		350 00
Permanent " " ..		1,980 00
Eave " " ..		1,540 00
Fruit " " ..		600 00
Street eave " " ..		315 00
Cucumber " " ..		775 00
Movable " " ..		294 00
Per diem rents.....		4,218 80
		$12,822 80

TABLE C—Continued.

Hollins Market—James Biden, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$ 697 00
Fish " " ..		30 00
Permanent " " ..		200 00
Eave " " ..		220 00
Space " " .		205 00
Street eave " " ..		650 00
Pavement " " ..		25 00
End " " ..		55 00
Nine months " " ..		40 00
Per diem rents.....		1,508 55
		$3,630 55

TABLE C—Continued.

Centre Market—Daniel Murray, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$1,536 00
Fish " " ..		639 00
Permanent " " ..		576 00
Eave " " ..		525 00
Vegetable or gutter stalls, rent and license.....		201 00
Street eave stalls, rent and license		44 00
Movable stalls, rent and license..		473 00
Per diem rents.....		2,124 60
		$6,118 60

TABLE C—Continued.

Richmond Market—George H. Clifton, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$ 263 00
Permanent " " ..		90 00
Fish " " ..		50 00
Eave " " ..		80 00
Space " " ..		105 00
Kerb " " ..		100 00
Movable " " ..		48 00
Aisle " " ..		40 00
Street eave " " ..		15 00
Per diem rents		1,300 35
		$2,091 35

TABLE C—Continued.

Fell's Point Market—Wm. A. Callahan, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$1,280 00
Fish " " ..		52 00
Permanent " " ..		378 00
Eave " " ..		378 00
Vegetable " " ..		826 00
Street " " ..		26 00
Movable " " ..		52 00
Per diem rents.....		1,662 70
Licenses.....		1,905 00
		$6,559 70

TABLE C—Continued.

Lafayette Market—John Farrell, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$630 00
Permanent " " ..		573 00
Eave " " ..		542 00
Space " " ..		95 00
Street eave " " ..		85 00
Per diem rents.....		621 60
		$2,546 60

TABLE C—Continued.

Northeast Market—Charles Briggeman, Clerk.

	Dr.	Cr.
Butcher stalls, rent and license..		$297 50
Fish " " ..		24 00
Permanent " " ..		126 00
Eave " " ..		126 00
Street eave " " ..		18 50
Six months " " ..		18 00
Vegetable " " ..		699 50
Per diem rents.....		682 05
		$1,991 55

TABLE C—Continued.

Canton Market—John Cadden, Clerk.

	Dr.	Cr.
Butcher stalls		$110 00
Permanent stalls		108 00
Eave stalls		115 00
Fish stalls		7 00
Per diem rents		174 10
		$514 10

TABLE C—Continued.

Summary of Markets.

	Dr.	Cr.
Hanover Market		$ 5,272 60
Belair "		8,099 90
Cross Street "		4,685 95
Lexington "		12,822 80
Hollins "		3,630 55
Centre "		6,118 60
Richmond "		2,091 35
Fell's Point "		6,559 70
Lafayette "		2,546 60
Northeast "		1,991 55
Canton "		514 10
		$54,333 70
Expenses of cleaning, repairs, &c.		
Hanover Market	$441 96	
Belair "	553 26	
Cross Street "	330 68	
Lexington "	674 80	
Hollins "	336 00	
Centre "	682 64	
Richmond "	413 00	
Fell's Point "	510 85	
Lafayette "	262 63	
Northeast "	315 75	
Canton "	192 21	
		4,713 78
Net revenue		$49,619 92

TABLE C—Continued.

Public Halls.

	Dr.	Cr.
Cross Street Hall—		
By amount received for rent.		$159 00
To amount paid for cleaning, &c....	$ 34 75	
Hollins Hall—		
By amount received for rent.		306 00
To amount paid for cleaning, &c....	135 50	
Broadway Hall—		
By amount received for rent.		135 00
To amount paid for cleaning, &c....	40 00	
To balance, December 31, 1892.	389 75	
	$600 00	$600 00

TABLE C—Continued.

Receipts from Licenses.

	Dr.	Cr.
Wagons, 1 horse		$16,694 85
" 2 and 3 horses		9,361 30
" 4 or more horses		814 50
Carts		5,311 25
Drays		483 40
Omuibusses, cars and hacks		3,207 90
Package carts		513 45
Lighters		348 90
Bacon		1,950 00
Puddings		113 35
Merchandise		171 75
Foreign fruit		469 55
Billiards		1,175 05
Bagatelle		324 95
Pawnbrokers		950 00
Peddlers		1,206 55
Dogs		1,048 55
Coal oil		1,632 65
Flying horses and swings, &c.		135 80
Theatricals		2,519 00
		$48,432 75

TABLE C—Concluded.

Collection of Wharfage, from January 1, 1892, *to December* 31, 1892.

DATE.	1st District.	2d District.	3d District.	4th District.	5th District.	Aggregate.
January	$107 55	$143 00	$180 25	$441 20	$1,372 10	$2,244 10
February	53 25	97 76	159 75	431 50	1,362 25	2,104 51
March	55 00	104 96	164 15	468 50	1,033 05	1,825 66
April	77 40	122 08	152 10	417 00	1,344 29	2,112 87
May	61 25	179 06	167 75	404 50	1,438 36	2,250 92
June	58 00	215 88	193 25	396 20	1,879 33	2,742 66
July	95 75	305 21	222 55	395 20	1,654 81	2,673 52
August	47 50	351 81	232 28	392 05	1,561 85	2,585 49
September	61 00	364 66	279 85	502 00	1,777 04	2,984 55
October	100 25	329 51	293 32	422 00	1,563 59	2,708 67
November	59 00	242 01	233 15	449 00	1,609 93	2,593 09
December	58 55	224 68	174 00	446 58	1,573 51	2,477 32
	$834 50	$2,680 62	$2,452 40	$5,165 73	$18,170 11	$29,303 36

Total collections from January 1st, 1892, to December 31st, 1892		$29,303 36
Less amount paid to Harbor Masters	$5,860 66	
Less amount paid for boatmen's salary	1,200 00	
Less amount paid for rent and incidental expenses	486 63	
		7,547 29
Net revenue		$21,756 07

TABLE D.

Criminal Court.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$68,000 00
To amount paid Bailiffs	$ 7,500 00	
" " Clerk	11,571 45	
" " State's Attorney	14,947 01	
" " Sheriff	10,056 00	
" " for board of Jurors	466 50	
" " for stationery Grand Jury	43 00	
" " for expert testimony	115 00	
" " for judge's calendar	383 33	
" " for detectives' expenses	135 80	
" " for stenographers	501 60	
" " for surveys	63 00	
" " for witness fees	17 00	
" " for attorney fees	470 00	
" " for analysis	300 00	
" " for photographs	12 00	
" " Grand and Petit Jurors	13,407 11	
To balance, December 31, 1892	8,011 20	
	$68,000 00	$68,000 00

TABLE D—Continued.

Superior Court.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$13,000 00
To amount paid Bailiffs	$4,566 67	
" " Clerk	2,050 37	
" " Sheriff	320 80	
" " Janitor	360 00	
" " Jurors	5,355 00	
To balance, December 31, 1892	347 26	
	$13,000 00	$13,000 00

TABLE D—Continued.

Baltimore City Court.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$15,000 00
To amount paid Bailiffs	$4,500 00	
" " Clerk	1,684 45	
" " Sheriff	283 20	
" " Jurors	5,671 50	
To balance, December 31, 1892,	2,860 85	
	$15,000 00	$15,000 00

Court Common Pleas.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$14,000 00
To amount paid Bailiffs	$4,500 00	
" " Sheriff	324 10	
" " Clerk	1,558 90	
" " Watchman	1,000 02	
" " Jurors	4,066 50	
To balance, December 31, 1892,	2,550 48	
	$14,000 00	$14,000 00

TABLE D—Continued.

Circuit Court.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$2,800 00
To amount paid Bailiff	$1,500 00	
" " Watchman	900 00	
" " Clerk	310 72	
" " for Stationery.	83 75	
Balance, December 31, 1892	5 53	
	$2,800 00	$2,800 00

Circuit Court No. 2.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$2,500 00
To amount paid Bailiff	$1,500 00	
" " Watchman	900 00	
" " Clerk	25 00	
Balance, December 31, 1892	75 00	
	$2,500 00	$2,500 00

TABLE D—Continued.

Orphans' Court.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$8,000 00
To amount paid Judges	$5,652 00	
" " Bailiff	1,256 00	
" " Janitor	900 00	
" " for incidentals	121 07	
To balance, December 31, 1892,	70 93	
	$8,000 00	$8,000 00

Supreme Bench.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$3,025 00
To amount paid Judges	$2,945 73	
To amount paid City Collector for furnishing list of tax-payers	25 00	
To balance, December 31, 1892,	54 27	
	$3,025 00	$3,025 00

TABLE D—Continued.

Magistrates.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$18,000 00
To amount paid Magistrates	$15,498 30	
" " Substitutes	920 28	
To balance, December 31, 1892	1,581 42	
	$18,000 00	$18,000 00

Fines.

	Dr.	Cr.
By amount of City's proportion of fines		$3,983 40
To amount paid for fines remitted by the Mayor	$ 622 00	
To balance, December 31, 1892	3,361 40	
	$3,983 40	$3,983 40

TABLE D—Continued.

Judgments and Suits.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$3,000 00
By amount received from sundry parties		8 00
To amount paid for sundry judgments rendered against the Mayor and City Council by the various courts, and for sundry expenses paid	$7,272 69	
By balance, December 31, 1892,		4,264 69
	$7,272 69	$7,272 69

City Council.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$63,000 00
To amount paid to members	$33,926 66	
" " clerks, &c.	15,649 38	
To amount paid for printing and other expenses	11,830 37	
To balance, December 31, 1892,	1,593 59	
	$63,000 00	$63,000 00

TABLE D—Continued.

Police Department.

	Dr.	Cr.
By appropriation, Ordinance No. 52.		$785,000 00
To amount paid on warrants of the Board of Police Commissioners.	$789,217 61	
By balance, December 31, 1892,		4,217 61
	$789,217 61	$789,217 61
Received from the City Collector, on account of the levy for the Police Department.		$705,653 77

Supervisors of Elections.

	Dr.	Cr.
By appropriation, Ordinance No. 52.		$13,400 00
To amount paid Supervisors and Clerk.	$6,435 97	
To amount paid printing and incidentals.	777 79	
To amount paid Messenger and extra clerical assistance.	1,550 00	
To amount paid counsel and assistant.	3,308 78	
To balance, December 31, 1892.	1,327 46	
	$13,400 00	$13,400 00

TABLE D—Continued.

Removed Cases.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$5,000 00
By amount received from County Commissioners of Baltimore County		874 30
By amount received from Prince George's County		104 42
By amount received from Carroll County		52 21
By amount received from Anne Arundel County		599 07
By amount received from Caroline County		52 21
To amount paid sundry parties	$2,055 99	
To balance, December 31, 1892	4,626 22	
	$6,682 21	$6,682 21

TABLE D—Concluded.

Registration.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$42,000 00
To amount paid Registration Officers and room rent	$22,685 20	
To amount paid for advertising, &c	16,789 56	
To balance, December 31, 1892.	2,525 24	
	$42,000 00	$42,000 00

Baltimore City Jail.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$55,000 00
By amount received for board of U. S. prisoners		1,303 40
By amount received for hire of prisoners		5,257 59
To amount paid on warrants of the Board of Visitors	$53,363 72	
To balance, December 31, 1892.	8,197 27	
	$61,560 99	$61,560 99

TABLE E.

General Interest.

	Dr.	Cr.
By appropriation, Ordinance No. 52.		$ 70,000 00
By amount received from City Collector for interest on arrears of taxes		128,585 99
By amount received from sundry banks for deposits		15,859 10
To amount paid for interest on loans and accounts due by the Mayor and City Council of Baltimore	$96,113 32	
To balance, December 31, 1892,	118,331 77	
	$214,445 09	$214,445 09

TABLE E—Continued.

Water Board.

	Dr.	Cr.
By balance, January 1, 1892.		$ 9,720 77
By amount received from water rents, &c.		781,790 95
By amount received from City Collector on account of water tax		54,608 85
To amount paid on warrants of the Water Board for interest on loans, salaries and other expenses	$894,195 79	
By balance, December 31, 1892,		48,075 22
	$894,195 79	$894,195 79

TABLE E—Continued.

Public Schools.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$155,000 00
To amount paid on warrants of the Board of School Commissioners	$155,031 47	
By balance, December 31, 1892,		31 47
	$155,031 47	$155,031 47

Receipts from various sources.

From the City Collector on account of the tax levy	$671,471 66
From the State, City's proportion of State tax	184,697 62
From John F. Plummer, executor	114 50
From H. M. Cowles, secretary.	3,532 50
	$859,816 28

TABLE E—Continued.

Public Schools—Salaries.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$718,500 00
To amount paid on warrants of the Board of School Commissioners	$717,114 85	
To balance, December 31, 1892.	1,385 15	
	$718,500 00	$718,500 00

Manual Training School.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$25,000 00
To amount paid on warrants of the Board of School Commissioners	$24,996 81	
To balance, December 31, 1892.	3 19	
	$25,000 00	$25,000 00

TABLE E—Continued.

Public School Exhibit at World's Fair.

	Dr.	Cr.
By appropriation, Resolution No. 158		$1,000 00
To amount paid on warrants of the Board of School Commissioners	$140 00	
To balance, December 31, 1892.	860 00	
	$1,000 00	$1,000 00

Dog Pound.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$1,500 00
By amount received for dead dogs		21 22
By amount received for dogs redeemed		188 00
By amount received for dogs sold at auction		12 53
To amount paid for dogs captured	$900 24	
To balance, December 31, 1892.	821 51	
	$1,721 75	$1,721 75

TABLE E—Continued.

City Property.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$11,452 71
By sundry parties for ground rent due City		160 00
To amount of rents paid sundry parties	$10,573 21	
To balance, December 31, 1892.	1,039 50	
	$11,612 71	$11,612 71

Gas and Electric Lights.

	Dr.	Cr.
By appropriation, Ordinance No. 52, electric lights		$127,000 00
By appropriation, Ordinance No. 52, gas		133,500 03
To amount paid for electric lights	$123,903 85	
To amount paid for gas	132,571 58	
To balance, December 31, 1892.	4,024 60	
	$260,500 03	$260,500 03

TABLE E—Concluded.

Internal Improvement 1928 *Loan.*

	Dr.	Cr.
By balance, January 1st, 1892		$ 494,858 76
By amount received from sale of bonds		1,889,770 92
To amount paid on account of sewers, bridges, paving streets, &c.	$1,609,806 21	
To amount paid Commissioners of Finance as premium on stock	9,070 92	
To balance, December 31, 1892	765,752 55	
	$2,384,629 68	$2,384,629 68

State Tax on City Loans.

	Dr.	Cr.
By appropriation, Ordinance No. 52		$23,000 00
By amount received from City Register, Commissioners of Finance, &c., account of State tax on City loans		6,530 50
To amount paid State Treasurer.	$30,257 95	
By balance, December 31, 1892.		727 45
	$30,257 95	$30,257 95

TABLE F.

Druid Hill and Patterson Parks.

	Dr.	Cr.
By balance, January 1st, 1892,		$13,494 59
By amount received from City Passenger Railway Companies, as follows:		
Baltimore City Passenger Railway Company.....		70,420 63
Baltimore Traction Company.		61,671 78
North Baltimore Passenger Railway Company.....		22,524 81
City and Suburban Railway Company.....		25,265 96
Central Passenger Railway Company.....		10,220 94
Lake Roland Elevated Railway Company.....		1,943 99
Highlandtown and Point Breeze Railway Company..		1,279 44
By amount received from Park Commissioners, as follows:		
Druid Hill Park.....		5,239 65
Patterson Park.....		470 00
Federal Hill Park.....		125 85
Carroll Park.....		59 50
Johnston Square.....		12 00
To amount paid on warrants of the Park Commissioners.	$208,667 25	
To balance, December 31st, 1892.....	4,061 89	
	$212,729 14	$212,729 14

TABLE F—Concluded.

Patterson Park Extension.

	Dr.	Cr.
By balance, January 1st, 1892.		$61,153 42
By amount received from Park Commissioners		2 46
To amount paid on warrants of the Park Commissioners....	54,291 87	
To balance, December 31, 1892.	6,864 01	
	$61,155 88	$61,155 88

Johnston Square.

	Dr.	Cr.
By appropriation, Resolution No. 98.....		1,600 00
To amount paid on warrants of the Park Commissioners.....	1,592 64	
To balance, December 31, 1892.	7 36	
	$1,600 00	$1,600 00

STATEMENT A.

Accounts.	Appropriations.	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
PUBLIC SQUARES.					
Harlem Park		$3,998 30	4,000 00		$ 1 70
Eutaw Squares, 1st Div.		1,779 19	1,800 00		20 81
" " 2d "		1,942 06	2,000 00		57 94
Mount Vernon Squares.		1,200 00	1,200 00		
Mt Royal Ave. Squares.		2,986 13	3,000 00		13 87
Park Place Squares.		930 88	1,000 00		69 12
Broadway Squares, 1st Division		2,271 34	2,500 00		228 66
Broadway Squares, 2d Division		2,950 00	2,950 00		
Broadway Squares, 3d Division		2,998 92	3,000 00		1 08
Madison Square		1,847 68	1,850 00		2 32
Lafayette Square		3,648 51	3,750 00		101 49

Franklin Square		1,346 17	1,500 00		153 83
Jackson Square		1,274 34	1,400 00		125 66
Perkins Spring Square		1,300 00	1,300 00		
Taney Place Squares		299 13	300 00		87
Eastern Fountain		1,703 91	1,703 91		
Ashland Square		124 81	125 00		19
Union Square		1,059 95	1,150 00		90 05
Wilkens Ave. Squares		2,116 44	3,000 00		883 56
Fulton Ave. Squares and Baker Circle		4,081 95	4,081 95		
HEALTH DEPARTMENT.					
General Health	$18,000 00	18,032 47	49 75		17 28
Salaries	38,450 00	38,450 00			
Nuisances	17,188 00	17,120 75	2 90		70 15
Quarantine Hospital	18,000 00	17,975 43	7,249 67		7,274 24
Post Mortems	1,500 00	1,500 00			
Remov'g filth from docks	6,000 00	5,662 25			337 75
Removal of refuse from packing houses	5,000 00	5,000 00			
HARBOR BOARD.					
Dredging, salaries, &c.	47,000 00	47,000 00			
Ice-boat F. C. Latrobe	10,000 00	8,662 22			1,337 78
Repairs of wharves	3,000 00	2,811 91			188 09
Removing ashes from tow boats	1,476 23	1,142 78	775 00		1,108 45

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Dredging Sp'g Gardens.	30,000 00	30,000 00	.....	.....	.....
Dredging Jones' falls. ..	15,000 00	15,000 00	.....	.....	.....
Removal of Foley's whr'f	8,000 00	8,000 00	.....	.....	.....
Widening mouth of harbor	15,000 00	14,851 09	.....	.....	148 91
New boiler and repairs to tug.	6,794 58	6,745 07	.....	.....	49 51
CITY COLLECTOR.					
Salaries, incidentals, etc.	54,200 00	54,093 95	.....	.....	106 05
Appeal Tax Court.....	400 00	382 26	.....	.....	17 74
CLEANING STREETS.					
Salaries, cleaning streets, etc	267,492 00	267,282 85	1,124 05	.....	1,333 20
Removal of garbage.....	9,500 00	9,500 00	.....	.....	.....

Bayview Asylum	95,000 00	94,893 64	2,136 07	.....	2,242 43
House of Refuge	20,000 00	19,998 12	.....	.....	1 88
House of Reformation	12,000 00	12,000 00	.....	.....	.....
St. Mary's Industrial School	20,000 00	20,000 00	.....	.....	.....
Baltimore University	5,070 00	5,070 00	.....	.....	.....
Maryland General Hospital	7,605 00	7,605 00	.....	.....	.....
University of Maryland	8,899 86	8,619 87	.....	.....	279 99
Washington University	15,845 00	15,576 72	.....	.....	268 28
Maryland Hospital for the Insane	24,000 00	23,882 16	1,095 00	.....	1,212 84
Deaf and Dumb at Frederick	500 00	498 20	.....	.....	1 80
Female House of Refuge	4,000 00	4,000 00	.....	.....	.....
St. Vincent's Infant Asylum	5,000 00	5,000 00	.....	.....	.....
Home of the Friendless	2,100 00	2,100 00	.....	.....	.....
Nursery and Child's Hospital	4,000 00	3,708 30	.....	.....	291 70
St. Elizabeth's Colored Orphan Asylum	3,000 00	3,000 00	.....	.....	.....
Mount Hope Retreat	38,000 00	38,000 00	1,755 00	.....	1,755 00

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Industrial Home for Colored Girls	2,500 00	2,500 00			
Boys' Home Society	3,000 00	3,000 00			
St. Mary's Female Orphan Asylum	8,800 00	8,170 00			630 00
Shelter for Aged Colored Poor	500 00	500 00			
St. Mary's Home for Colored Children	500 00	500 00			
St. Joseph's House of Industry	1,000 00	1,000 00			
Hospital of the Good Samaritan	1,690 00	1,397 89			292 11
St. Joseph's Hospital	3,380 00	3,380 00			

Maryland Homœpathic Hospital	1,690 00	1,642 11			47 89
St. Agnes Hospital	1,690 00	1,459 67			230 33
Manual Training School, House of Refuge	2,000 00	2,000 00			
Transportation of Poor	1,000 00	756 14	103 72		347 58
DISPENSARIES.					
Homœpathic Free	700 00	700 00			
Northeastern	900 00	900 00			
Eastern	1,000 00	1,000 00			
Baltimore General	1,000 00	1,000 00			
" Medical	1,000 00	1,000 00			
Northwestern	400 00	400 00			
Physicians and Surgeons	1,250 00	1,250 00			
Woman's and Child's Hospital	500 00	500 00			
Baltimore University	1,000 00	1,000 00			
Maryland University	1,000 00	1,000 00			
College of Dental Surgery	500 00	500 00			
Eye, Ear and Throat Charity Hospital	500 00	500 00			
Southern Free	1,000 00	1,000 00			
Maryland Homœpathic	500 00	500 00			

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Evening Dispensary for Working Girls	700 00	700 00	.....	.....	.....
Special appropriations	4,858 56	4,858 56	.....	.....	.....
GENERAL SUPERINTEND'T LAMPS' DEPARTMENT.					
Gasoline lamps, lamp pillars, etc	8,025 00	7,989 62	970 82	.....	1,006 20
Lamplighters' salaries	46,930 00	47,125 43	.....	195 43	.....
Inspecting gas meters	.....	.....	2,114 25	.....	2,114 25
INSPECTOR OF BUILDINGS' DEPARTMENT.					
Salaries, incidentals, &c.	6,200 00	6,200 00	.....	.....	.....
Repairs of Public Schools	13,000 00	13,000 00	8 00	.....	8 00
" City Property	20,000 00	20,000 00	.....	.....	.....

Permits for sheds, boilers, etc.	.....	482 99	8,977 55	.....	8,494 56
Cleaning cesspools	1,200 00	779 75	.....	.....	420 25
Building partition in No. 10 School	250 00	250 00	.....	.....	.....
Grading and paving yard of No. 21 School	3,000 00	3,000 00	.....	.....	.....
Building Grammar and Primary School No. 19.	21,065 00	21,057 76	.....	.....	7 24
Building Public School No. 25	11,362 49	11,362 49	.....	.....	.....
Building English-German School No. 1	26,000 00	23,933 77	.....	.....	2,066 23
Repairing and furnishing Sheriff's office	300 00	300 00	.....	.....	.....
Building Grammar School No. 18	30,500 00	30,500 00	.....	.....	.....
Building Colored School No. 3	25,000 00	17,557 68	.....	.....	7,442 32
Painting Lafayette Market	1,000 00	1,000 00	.....	.....	.....
Painting Cross Street Market	1,500 00	1,500 00	.....	.....	.....
Repairing Criminal Court	400 00	400 00	.....	.....	.....

STATEMENT A—Continued.

Accounts.	Appropriations.	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Extra help, Inspector Buildings	3,000 00	3,000 00			
Painting school houses	4,000 00	4,000 00			
Fitting room No. 1 English-German School	350 00				350 00
Sanitary and other improvements	8,000 00	8,000 00			
Wood ceilings Public Schools	4,000 00	4,000 00			
Improvements Grammar School No. 10, &c	550 00	550 00			
Storm doors in school houses	550 00	536 83			13 17
Partition in No. 21 Primary School	150 00	150 00			

Completion Male and Female Grammar School.	21,000 00	.....	.....	.....	21,000 00
Repairing No. 15 Engine house.....	350 00	350 00	.....	.....	.....
Additional story Eng.-Ger. School No. 1	5,000 00	13 34	.....	.....	4,986 66
Repairing and furnishing Woodberry Guards Armory	500 00	500 00	.....	.....	.....
Repaving Belair Market.	1,350 00	1,214 39	.....	.....	135 61
Addition to No. 20 School	9,000 00	8,999 68	.....	.....	32
CITY COMMISSIONER'S DEPARTMENT.					
Repairs of paved streets.	92,275 97	91,655 68	397 80	.....	1,018 09
Repairs of bridges.....	6,076 13	6,041 63	22 58	.....	57 08
Repairs of sewers.....	10,000 00	9,498 26	7,146 77	.....	7,648 51
Light Street bridge.	9,431 73	9,345 94	14 00	.....	99 79
Salaries, incidentals and livery....	10,800 00	10,439 53	.....	.....	360 47
Flag and stepping-stones	10,000 00	7,851 49	.....	.....	2,148 51
Cross streets	5,000 00	3,303 35	.....	.....	1,696 65
Improvement Harford Run...	.....	10,493 89	30,031 65	.....	19,537 76
Repairs unpaved streets.	2,000 00	1,360 45	.....	.....	639 55
Sewer in Preston street..	.....	.....	9,326 74	.....	9,326 74

STATEHENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Wolfe Street sewer		9,922 55	17,151 60		7,229 05
Jenkins Run sewer		5,228 94	5,429 88		200 94
Presbury Street sewer		130 57	20,463 30		20,332 73
Fremont Street sewer		7,512 93	37,865 04		30,352 11
Repairing and kerbing Fort avenue	75 00				75 00
Cross Street sewer		19,837 55	31,642 22		11,804 67
Kerbing Etting street	300 00				300 00
Carey Street relief sewer		101,163 41	146,438 42		45,275 01
Fulton Ave. and Eagle Street sewer		44,428 66	44,522 37		93 71
Read Street sewer		24,747 30	26,848 12		2,100 82
Lovegrove Alley sewer		697 42	700 09		2 67
Federal Street sewer	4,500 00	4,195 71			304 29
Eden Street sewer		30,539 67	31,446 26		906 59

Ann and Gay Street sewer		227 81	1,233 17		1,005 36
Inlets Barnes and other streets	7,000 00	5,048 26			1,951 74
Pulaski and Franklin Street sewer		22,981 28	23,994 70		1,013 42
Eager Street sewer		46 38	3,560 23		3,513 85
Druid Hill Avenue sewer		54,569 32	179,308 49		124,739 17
Bush Street sewer		39,689 46	203,702 00		164,012 54
Sewer in McHenry Street			17,700 00		17,700 00
Pulaski Street sewer		3,528 37	9,905 54		6,377 17
Iron plates, Gilmor and Pratt streets	650 00	5 00			645 00
Rebuilding Light Street bridge		2,197 41	2,645 47		448 06
Paving streets around Lafayette Market		1,576 60		1,576 60	
Building North Avenue bridge	83,813 09	11,583 12	473 79		72,703 76
Improvement Jones' falls		28,000 00	28,670 75		670 75
Bulkhead at Ferry Point road	15,000 00	12,770 98			2,229 02
Building Douglas Street bridge	7,000 00	17,827 07	28,000 00		17,172 93
Paving City property	1,000 00	452 14			547 86
Kerbing Park avenue	8,634 51	5,741 60			2,892 91

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Raising Gwynn's Falls' bridge	.....	7 50	14 00	.....	6 50
Trappin ginlets McHenry and Pulaski streets	400 00	295 50	.....	.....	104 50
Stone gutters Saratoga street and Park avenue	628 52	374 69	.....	.....	253 83
Inlets Schroeder's run	2,115 42	1,518 15	.....	.....	597 27
Trapping inlets Calhoun street	266 00	179 13	.....	.....	86 87
Shelling Point lane	500 00	471 17	.....	.....	28 83
Paving streets Richmond Market	.....	788 00	788 00	.....	.....
Shelling East Monument street	500 00	492 18	.....	.....	7 82

Iron plates Conway, Barre and Lee streets .	2,250 00	2,249 00	.....	.....	1 00
Iron plates Hanover and West streets.....	1,500 00	1,039 64	.....	.....	460 36
Trapping inlets Arch and Raborg streets.....	350 00	142 50	.....	.....	207 50
Board walk Warner street.....	300 00	299 29	.....	.....	71
Penn Street sewer.....	.....	16,275 89	61,000 00	.....	44,724 11
Shelling Leadenhall St..	300 00	300 00	5 00	.....	5 00
Graveling Fulton avenue	1,000 00	962 78	.....	.....	37 22
Shelling Monroe street..	200 00	194 33	.....	.....	5 67
Repairing Falls road....	5,000 00	4,975 51	.....	.....	24 49
Inlets Central avenue and High alley.....	400 00	331 59	.....	.....	68 41
Iron plates various places	3,950 00	3,569 24	.....	.....	380 76
Flagstones, Cathedral and Centre streets....	3,000 00	44 00	.....	.....	2,956 00
Trapping inlents, Central avenue and McElderry street	175 36	.....	.....	.....	175 36
Flagstones at head of docks.....	875 00	685 89	.....	.....	189 11
Inlets sewer on McHenry street.....	2,800 00	1,958 05	.....	.....	841 95

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Inlets Caroline and Madison streets	3,000 00	1,782 07			1,217 93
Trapping inlets Mc. Mechen street and Foster alley	300 00	245 44			54 56
Flagstones at Aisquith St.	70 00	43 41			26 59
Repairing floor of Biddle Street bridge	129 84				129 84
Triangular space Park avenue	600 00	599 91			09
Inlets Cross and Hanover streets	5,200 00	3,992 19			1,207 81
Shelling Baltimore and Fayette streets, and Loney's lane	1,500 00	1,383 44			116 56

Iron plates, Pratt and Eden streets	1,600 00	841 01			758 99
Iron plates Patterson avenue	850 00	288 98			561 02
Drain pipe E. Baltimore street	1,000 00	1,000 00			
Paving Fell's Point Mkt.		156 24		156 24	
Iron plates Argyle Ave.	700 00	699 39			61
Inlets Eden and Orleans streets	1,300 00	1,290 70			9 30
Hoffman Street sewer		6,437 93	12,600 00		6,162 07
Sale old material, 1928 Loan			704 33		704 33
Vaults and areas			6 00		6 00
FIRE DEPARTMENT.					
Salaries, incidentals, repairs, &c	320,311 16	319,343 13	219 35		1,187 38
Fire-alarm boxes various places	4,825 00	4,813 45			11 55
Keyless doors on fire-alarm boxes	1,650 00	1,650 00			
Damage to boxes by electric light wires	1,035 77	1,035 77			
Quarantine line	1,800 00	1,796 24			3 76

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
MISCELLANEOUS.					
Mayoralty	2,500 00	2,295 80	26 25		230 45
Transportation of the poor					
Auction duties			8,669 67		8,669 67
Superintendent City Hall	17,235 00	16,377 30	27 00		884 70
City Librarian	7,300 00	6,468 19	65 09		896 90
Refunded taxes		2,414 70		2,414 70	
Court House	6,194 00	5,397 55			796 45
City and Circuit Court Building	4,247 50	4,139 97	22 00		129 53
General License	2,000 00	1,558 05			441 95
General Expense	2,000 00	1,336 64			663 36
Public Printing	5,195 30	5,168 56	189 00		215 74
Liquor Licenses			380,315 14		380,315 14

Salaries	77,808 39	77,808 39			
Coroners	4,975 00	4,975 00			
Commissioners for Opening Streets	200 00	173 84			26 16
Sale of City property		577 65	11,353 00		10,775 35
Transportation to House of Correction	400 00	163 20			236 80
Maryland Institute	6,000 00	6,000 00			
Enoch Pratt Free Library	50,000 00	50,000 00			
Ice-boat Annapolis	10,000 00	7,500 00			2,500 00
Ringing Mechanics' bells	200 00	200 00			
Winding Maryland Institute clock	75 00	75 00			
Care of Circuit Court No. 2	963 00	899 91			63 09
Rent of Circuit Court No. 2	900 00	900 00			
Inspector Gas and Oils, livery, etc	350 00	315 53			34 47
Furniture for Hollins' Hall	300 00	276 48			23 52
Intestate estates		1,937 55	1,937 72		17
Paving private alleys		36 40		36 40	
Tax sales		3,217 95	5,618 42		2,400 47
Telephone conduits			6,953 70		6,953 70

STATEMENT A—Continued.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
New City Code	2,800 00	2,008 78			791 22
Condemnation land in Druid Hill Park		12,716 12	13,507 45		791 33
Turnpike dividends			271 15		271 15
Hose for various markets	500 00	465 30			34 70
Weights and measures for new inspector	219 00	219 00			
Fourth Battalion, I. M. N. G.	3,000 00	3,000 00			
Lot for Colored School No. 3	2,000 00				2,000 00
Fire-plugs various places.	600 00	525 00			75 00
Fire-plug, Lehman and Brunswick streets	75 00				75 00

Fire-plug Fell's Point Market	50 00	50 00			
Drinking fountain Block street	75 00	75 00			
Sprinkling Mt. Royal avenue and Calvert street.	1,000 00	1,000 00			
Conscience fund			6,766 56		6,766 56
Johnston Square	1,600 00	1,592 64			7 36
Wharfage, 6th District		20 00	100 00		80 00
Music in the parks	3,000 00	3,000 00			
Manual Training School, House of Refuge	2,000 00	2,000 00			
Building annex to City Jail	3,500 00	3,470 94			29 06
Purchase of land for Federal Hill Park	7,813 87	7,813 87			
Drinking fountain Greenmount avenue and Hoffman street	70 00	70 00			
Drinking fount'n Bayard and Cleveland streets.	75 00	75 00			
Fire-plug Pulaski and Ramsay streets	100 00	100 00			
Two gas lamps Barclay place	50 00				50 00

STATEMENT A—Concluded.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Fire-plug Barre and Ridgely streets	75 00	75 00			
Purchase lot Madison avenue, Eutaw Place, &c	500 00				500 00
Water mains Wilkens avenue	1,500 00	1,500 00			
Drinking fountain Foster avenue and Port street	75 00	75 00			
Drinking fountains various places	600 00	225 00			375 00
Drinking fountain Saratoga street	75 00	75 00			
Drinking fountain Valley and Biddle streets	70 00				70 00

Drinking fountain McHenry street and Goldsmith alley	75 00	75 00			
Drinking fountain Fremont and Patterson avenues	75 00				75 00
Drinking fountain North and Madison avenues	75 00	75 00			
Drinking fountain Poppleton and Saratoga streets	75 00	75 00			
Fire-plug Block street	75 00	75 00			
	$2,031,691 28	$2,383,751 22	$1,487,772 45	$4,379 37	$1,140,091 88

STATEMENT B.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Opening McCulloh street		$2,444 55		$2,444 55	
" Pulaski street		159 00		159 00	
" Spring street		61 68	$1,351 91		$1,290 23
Widening E. Balto St		23,504 18	29,509 84		6,005 66
Opening Madison street		8 00		8 00	
" Cooksie street		829 00	779 56	49 44	
" Lanvale street		38 25		38 25	
" Patapsco street	$2,584 89	1,600 00			984 89
" Brice alley		95 90		95 90	
" Federal street	23,419 69	8,300 00			15,119 69
" Beason street		222 25		222 25	
" W. Balto. street		20 00		20 00	
" Hollins street		132 37	403 50		271 13
" Webster street		75 00		75 00	
" Randall street		125 00		125 00	

Opening Brevard street..	8,816	33	12,033	33	2,225	00	992	00				
" Bouldin alley..			490	00			490	00				
" Whitelock St...			566	25			566	25				
" Burke street....	3,740	33	5,833	33	2,324	00			231	00		
" Pinkney street.			146	56	895	60			749	04		
Widening Fayette street			729,293	67	152,190	59	577,103	08				
Opening Chew street . ..	8,313	59							8,313	59		
" Covington street			373	05			373	05				
" Townsend street			379	35	1,069	93			690	58		
" Etting street...			110	05			110	05				
" Castle alley....	1,625	83	1,945	83	755	00			435	00		
" Allen street....	18,281	74	28,246	70	10,867	36			902	40		
" Cleveland st....			63	25			63	25				
" Ward street....			162	75			162	75				
" Riggs avenue...					425	00			425	00		
" Eutaw street...			198	93			198	93				
" Stockholm st...			137	75			137	75				
" Porter street....			8	00			8	00				
" Penn street	35,901	92	35,941	32	3,840	00			3,800	60		
Widening Union dock..			63	65	6,500	00			6,436	35		
Opening Clare street....	1,830	72	2,216	72	386	00						
" Bethel street. ..			163	25			163	25				
" Dallas street. ..			38	25			38	25				
" Ridgely street..			473	39			473	39				
" Port alley			38	25			38	25				

STATEMENT B—Concluded.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Opening Luzerne street		42 50		42 50	
" East and Chestnut streets		46 50		46 50	
" Forrest street		47 38		47 38	
" Tenth street		85 43		85 43	
" Ninth street		100 88	155 50		54 62
" Seventh street		93 25		93 25	
" Clifton avenue		83 50		83 50	
" Ducatel street		241 71		241 71	
" Wolfe street		42 50		42 50	
" Elgin avenue		83 50		83 50	
" Eighth street		100 75		100 75	
" Northwest st.		106 00	585 00		479 00
" Windsor avenue		81 00		81 00	
" Myrtle avenue		287 70	55 00	232 70	

Opening Payson street		161 00		161 00
" 10 feet alley		48 63		48 63
" North avenue		134 15		134 15
" Fourth lane		15 00		15 00
" Douglas street			2,405 00	2,405 00
" Kirby's lane		75 00		75 00
" Henry street		120 78		120 78
" Belvidere street		27 60	27 60	
" Ensor street		304 12		304 12
Widening St. Paul street		150 35		150 35
Opening Ludlow street		159 03		159 03
" West street		65 90		65 90
" Burrow street		137 50		137 50
" Eastern avenue		79 97		79 97
" Fulton street		15 75		15 75
Closing Morris alley		15 00		15 00
" Belvidere road	1,096 15	1,096 15		
" Sumwalt lane		105 80		105 80
" Half-Moon alley		42 50		42 50
" Cornet street		45 25		45 25
" Truxton street		18 75		18 75
	$105,611 19	$860,799 64	$216,751 39	$587,030 84	$48,593 78

TABLE G.

Amount paid for paving streets, also amount received from the City Collector, payments by sundry parties.

	Dr.	Cr.
Paving Fulton avenue	$ 599 28	
" Mt. Royal avenue..		$15 20
" Monroe street.....	2,534 49	
" Washington avenue.	558 02	
" Lanvale street.....	86 47	
" Federal street.....	2,173 81	
" Oliver street	747 17	
" Mulberry street	12,977 05	
" Dolphin street	604 95	
" East Baltimore street	2,995 17	
" Mount street.....	78 00	36 00
" Broadway.....	182,540 35	
" Lafayette avenue...	81,501 44	
" W. Lexington street	64,781 12	
" Eutaw street.....	86 00	
" Pennsylvania avenue	69,812 76	
" Columbia avenue...	87,471 36	
" Calvert street	23,961 91	
" Fayette and Lexington streets.....	3,627 26	
" Chase street.....	10,585 34	
" Hanover street. ...	10,658 75	
" South street.....	2,500 07	
" E. Lexington street.	14,687 40	
" Arlington avenue...	17,092 88	
" Patapsco street.....	471 26	
To balance December 31, 1892		593,081 11
	$593,132 31	$593,132 31

STATEMENT H.

Showing the Amount Expended in the Annexed Territory.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Electric lights	$ 1,184 40	$ 470 50			$713 90
Gas	13,709 75	13,537 19			172 56
Gasoline	5,420 90	5,420 90			
Lamplighters, salaries		12,389 16		$12,389 16	
Health, salaries	3,800 00	3,800 00			
Fire Department	33,146 95	33,146 95			
Cleaning streets	18,220 00	17,417 71			802 29
Nuisances	2,500 00	2,425 51			74 49
Repairs streets, roads, etc	28,432 00	27,725 56	$322 88		1,029 32
Public Schools, general	20,500 00	19,312 71			1,187 29
Repairs of City property	5,000 00	4,994 16			5 84
City Collector, office expenses	2,600 00	2,599 92			08

STATEMENT H—Concluded.

Accounts.	Appropriations	Expenditures.	Receipts.	Balance, Dr.	Balance, Cr.
Direct tax			164,871 81		164,871 81
Interest and discount		3,185 31	4,058 54		873 23
Refunded taxes		164 47		164 47	
Repairing Chestnut Hill avenue	16 96	8 83			8 13
Repairing Cedar avenue	134 31	133 75			56
Repairing Wilkens Ave.	600 00	596 45			3 55
Repairing Gorsuch Ave.	151 64	148 16			3 48
Fire-plugs at Carroll		250 00		250 00	
Building Annex School No. 11	11,720 92	11,706 06			14 86
Building Annex School No. 10	15,000 00	15,000 00			
Building Engine House No. 18	9,800 00	9,798 87			1 13

Repairing Slingluff Ave..	400 00	396 17	.....	.....	3 83
Repairing Hickory and Roland avenues.....	96 77	92 00	.....	.....	4 77
Repairing Hollins street.	400 00	396 41	.....	.....	3 59
Repairing Loudon avenue	400 00	392 55	.....	.....	7 45
To improve Jackson, Washington, Taylor and Harrison streets ..	5,000 00	4,942 71	.....	.....	57 29
Building Annex School No 8.....	12,500 00	10,922 75	.....	.....	1,577 25
Special assessment.....	.....	1,008 14	.....	1,008 14	.....
Repairing Rayner avenue	450 00	443 72	.....	.....	6 28
Repairing Millington avenue	500 00	496 20	.....	.....	3 80
Repairing Old Frederick road	1,000 00	995 87	.....	.....	4 13
Repairing Augusta avenue.....	350 00	345 80	.....	.....	4 20
Repairing Third avenue..	1,000 00	752 75	.....	.....	247 25
Repairing Carroll street.	500 00	469 10	.....	.....	30 90
Repairing Lombard street	400 00	390 34	.....	.....	9 66
Repairing Park Heights avenue.....	500 00	491 40	.....	.....	8 60
	$195,434 60	$206,768 08	$169,253 23	$13,811 77	$171,731 52

Statement of the Internal Improvement 1928 *Loan.*

	Appropriations.	Net amounts expended in 1889.	Net amounts expended in 1890.	Net amounts expended in 1891.	Amounts expended in 1892.	Receipts in 1892.	Total expenditures.
Purchase of lot adj'ng Eastern Female High School.	$15,642 26	$15,642 26	.....	.....	.....	.....	$15,642 26
Purchase of lot and building Grammar School No. 20..	33,000 00	8,216 07	$24,666 63	.....	.....	.....	32,882 70
Purchase of lot and building Annex School No. 4.....	26,000 00	5,471 75	20,517 85	.....	.....	.....	25,989 60
Building addition to Primary School No. 11.....	12,000 00	11,253 76	.....	.....	.....	.....	11,253 76
Purchase of lot and building Primary School No. 32...	33,000 00	11,803 15	21,000 00	.....	.....	.....	32,803 15
Purchase of lot and building Primary School No. 33...	31,000 00	.....	30,953 80	.....	.....	.....	30,953 80
Purchase of lot and building Primary School No. 24...	28,500 00	12,222 65	16,277 35	.....	.....	.....	28,500 00
Building Primary School No. 13.....	21,000 00	7,903 13	13,009 80	87 07	.....	.....	21,000 00
Purchase of lot and building Annex School No. 3.....	25,000 00	.....	24,466 22	42 53	.....	.....	24,508 75
Purchase of lot and building Primary School No. 31...	23,500 00	2,504 00	20,445 92	.....	.....	.....	22,949 92
Purchase of lot and building Eng.-Ger. School No. 5..	40,000 00	15,255 08	24,389 77	.....	.....	.....	39,644 85

Building Grammar School No. 8	21,000 00	6,661 75	14,338 25				21,000 00
Purchase of lot and building Col. Primary School No. 1	31,000 00						
Purchase of lot and building Annex School No. 13	30,000 00		18,676 94	11,323 06			30,000 00
Purchase of lot for Colored School No. 3	7,357 74			7,357 74			7,357 74
Building Manual Training School	25,000 00	12,230 68	12,769 32				25,000 00
Purchase of park in southwest Baltimore	45,000 00		44,500 00	500 00			45,000 00
Patterson Park extension	200,000 00	14,252 46	54,593 11	70,015 09	$54,291 87		193,152 53
Carroll Park repairs	5,000 00			5,000 00			5,000 00
Rebuilding Light Street bridge	160,465 00	7,375 22	94,012 34	56,431 97	2,197 41		160,016 94
Cedar Avenue bridge	60,000 00	682 07	59,282 84				59,964 91
Wilkens Avenue bridge	6,000 00	5,965 34					5,965 34
Russell Street bridge	5,000 00		63 94	4,927 49			4,991 43
Monroe Street bridge	28,000 00		171 10	18,268 24			18,439 34
Boston Street bridge	19,000 00	132 57	17,553 98				17,686 55
Preston Street sewer	85,000 00	21,585 95	52,893 15	1,206 16			75,685 26
Mount Royal Avenue sewer	11,000 00	10,223 74					10,223 74
Fulton Avenue sewer	23,000 00	17,063 04	1,691 10	41 04			18,795 18
Ensor Street sewer	5,000 00	4,982 98					4,982 98
Lovegrove Alley sewer	21,000 00			20,299 91	697 42		20,997 33
Wolfe Street sewer	58,700 00	5,643 68	32,016 20	3,888 52	9,922 55		51,470 95
Presbury Street sewer	33,500 00	16,680 59	3,782 71		130 57		20,593 87
Low Street sewer	5,500 00	4,854 58	74 96				4,929 54
Jenkins Run sewer and extensions	88,250 00	3,676 77	32,895 24	46,248 11	5,228 94		88,049 06
Eager Street sewer	53,300 00	5,958 59	35,313 86	8,467 02	46 38		49,785 85
Eutaw and Fremont Street sewer	175,000 00	9,418 99	67,427 95	60,289 68	7,512 93		144,649 55
Pulaski Street sewer	45,000 00	2,580 61	31,853 87	659 98	3,528 37		38,622 83

Statement of the Internal Improvement 1928 *Loan.*

	Appropriations.	Net amounts expended in 1889.	Net amounts expended in 1890.	Net amounts expended in 1891.	Amounts expended in 1892.	Receipts in 1892.	Total expenditures.
Eden Street sewer	36,500 00			26,087 46	30,539 67		56,627 13
Bush Street sewer	370,000 00			5,698 00	39,689 46		45,387 46
Carey Street relief sewer	275,000 00		7,222 40	121,339 18	101,163 41		229,724 99
Patapsco Street sewer	3,000 00	2,979 65					2,979 65
Patterson Park sewer	35,000 00	33,191 19	237 66				33,428 85
Cross Street sewer	112,000 00		4,339 82	76,017 96	19,837 55		100,195 33
Dolphin Street sewer	12,000 00		11,930 52				11,930 52
Howard Street sewer	16,000 00		4,108 79	11,890 01			15,998 80
Read Street sewer	38,600 00			11,751 88	24,747 30		36,499 18
McHenry Street sewer	17,700 00						
Ann and Gay Street sewer	11,000 00			9,766 83	227 81		9,994 64
Druid Hill Avenue sewer	190,000 00			10,691 51	54,569 32		65,260 83
Fulton Avenue and Eagle Street sewer	48,950 00			4,427 63	44,428 66		48,856 29
Pulaski and Franklin Street sewer	48,000 00			24,005 30	22,981 28		46,986 58
Inlets Wolfe Street sewer				1,203 46			1,203 46
Penn Street sewer	61,000 00				16,275 89		16,275 89
Hoffman Street sewer	12,600 00				6,437 93		6,437 93
Paving Cathedral street		23,391 11	38,049 13	4,051 26			65,491 50
Paving Monument street		87 51	4,464 58				4,552 09
Paving Dolphin street		5,051 28			604 95		5,656 23

Paving streets around Hanover Market	12,000 00		225 92	10,484 66			10,710 58
Paving Lafayette Market	15,500 00		882 25	13,041 15	1,576 60		15,500 00
Paving streets around Southern Police Station				2,354 46			2,354 46
Paving streets around Richmond Market				8,766 88	788 00		9,554 88
Paving Hollins street				11,233 87			11,233 87
Paving Camden street				4,208 29			4,208 29
Paving Sharp street				3,646 66			3,646 66
Paving Mulberry street					12,977 05		12,977 05
Paving Broadway					182,540 35		182,540 35
Paving Lafayette avenue					81,501 44		81,501 44
Paving W. Lexington street					64,781 12		64,781 12
Paving Eutaw street					86 00		86 00
Paving Pennsylvania avenue	128,000 00				69,812 76		69,812 76
Paving Columbia avenue					87,471 36		87,471 36
Paving Calvert street					23,961 91		23,961 91
Paving Fayette street and Lexington street					3,627 26		3,627 26
Paving Chase street					10,585 34		10,585 34
Paving Arlington avenue, Carrollton avenue and Lanvale street					17,092 88		17,092 88
Paving South street	2,600 00				2,500 07		2,500 07
Paving Hanover street					10,658 75		10,658 75
Paving E. Baltimore street	8,000 00				2,995 17		2,995 17
Paving E. Lexington street					14,687 40		14,687 40
Widening East Baltimore street	250,000 00	658 69	1,566 45	171,974 85	23,504 18	29,509 84	168,194 33
Widening Fayette street	550,000 00	681 51	100 90	4,514 15	577,103 08		582,399 64
Opening Douglas street	400,000 00		63,348 27	314,965 19		2,405 00	375,908 46
	$4,819,165 00	$306,282 40	$906,114 89	$1,167,174 25	$1,633,310 39	$31,914 84	$3,980,967 09

ANNUAL REPORT

—OF THE—

CITY LIBRARIAN

—TO THE—

Mayor and City Council of Baltimore,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

CITY LIBRARY.

BALTIMORE, MD , December 31st, 1892.

To the Honorable the Mayor
and City Council of Baltimore, Md.

GENTLEMEN :

As required by Section 2 of Article XXXII of the Code, I respectfully submit the annual report of this department for the year ending this day.

In addition to reiterating the suggestions made in previous reports as to the needs of this department, I have to ask an appropriation, to have made a copy of Poppleton's map (in sections), that it may be more easily utilized as a reference, and especially to preserve what is left of the original, which is much defaced, owing to its age, unwieldiness and past bad treatment. The sum asked by the lowest bidder is two hundred dollars. A similar sum will likely be necessary for binding and re-binding books throughout the year 1893, for the Library and the several City departments.

During the present year there have been 1528 visitors to the Library, of whom 630 registered their names.

There were besides 3899 business calls from the departments and public.

The principal duty of your Librarian is as custodian of all the City records or archives, except its titles, and the furnishing of books of records, stationery and printing, upon requisition of the various municipal departments, and which in Boston, a city more nearly approximating ours than any other, is divided into two offices, namely: The Keeper of the Records at a salary of $2,500, and a Clerk at $1,260, and a Superintendent of Printing at a salary of $2,560, with an allowance of as much more for clerks. In a letter from Auditor Dodge, of that city, in reply to one of inquiry from this office to Mayor Mathews, he sent his report, showing the cost of stationery for only *nine months* to be $26,111.08, and printing $25,067.72, or a total of $51,178.80, against $8,308.13 for similar departments of this City for the entire year. In addition to this, the Mayor of Boston himself receives a $10,000 salary. He has a secretary, two assistants, and a messenger, whose aggregate salaries reach the sum of $8,341.33, while the salary of their Second Branch members (called aldermen), is $1,500 each. The salary of the Clerk of the Common Council is $3,000, the Committee Clerk gets $3,500, his assistant $2,500, and extra clerk hire $2,544.10.

So much for Boston. Now I hand you, entire, the letter from the Supervisor of the Records in New York:

NEW YORK, December 27th, 1892.

GEORGE C. WEDDERBURN, ESQ.,

City Librarian, Baltimore, Md.

SIR:

In response to your letter of the 13th inst., which was referred to me by Mayor Grant, I have the honor to inform you that there is no officer charged specifically with the care of the records of this city. Some records are filed with the County Clerk, some with the Register, and some with the Clerk of the Board of Aldermen. The County Clerk is also the City Clerk.

As Supervisor of the City Record it is my duty to edit the official daily journal known as The City Record, in which are published the minutes of the meetings of the several governmental boards, the calls for bids to supply the needs of the various departments, and the notices respecting the opening of streets and of other proceedings, incidental to which is the condemnation of land.

It is also my duty to supply the departments with printed blanks, etc., books and stationery. My salary is $5,000 a year. I have an Assistant at $2,500, an Examiner at $1,400, whose principal duty is to measure the matter in the City Record, and to index that publication; Messenger at $1,200, and an Expressman at $1,400.

To supply the printed blanks, etc., necessary, costs about $90,000, the stationery about $31,000, and the books about $45,000.

To print and distribute the City Record costs $70,000. Included in this is the cost of publishing the registry lists prior to election, averaging $8,000 a year, and that of publishing the canvass of votes, averaging $2,000 a year.

I have nothing to do with supplies for the Police and Dock Departments. They have special appropriations. By the new election laws the former department is charged with the printing of ballots, etc.

Respectfully yours,

(Signed) W. J. K. KENNY,

Supervisor City Record.

These references in comparison with our own City speak for themselves. The extra clerk hire referred to in Boston's Council expenses is most likely for endorsing, numbering, indexing and filing the records of the Council, and costs just $2,544.10, while that work in Baltimore is put upon this office in addition to its other duties, and the Librarian is allowed only one assistant and a clerk, who has to be paid a mere pittance out of his general appropriation for "Printing and Stationery," and still he is held responsible for the proper care and keeping of all original Council

papers, and all other archives of the City, save its titles, in addition to a supervision of the printing, and all the plats of the streets, of which the Comptroller has been relieved, and which of themselves, considering their importance and value as legal references, should require alone for their safe keeping and proper preservation the entire time of a clerk.

These matters are specially referred to in justice to themselves, to this department and to its employees, and in order that His Honor the Mayor and the Honorable Members of the Council may supply the means of carrying out the laws of instruction imposed upon the Librarian, by the favor of having its needs and necessities investigated by the Joint Committee upon City Property, I ask that my recommendations be observed, or else the laws governing the department —that at present it is an impossibility to comply with—shall be modified. In other words, I want a division of responsiblity.

The archives and records are public property, and I most respectfully ask that their condition be looked into, or else that a special committee upon the library be appointed.

PROPOSALS FOR PRINTING AND STATIONERY.

Concerning these for the year 1893, I have to say that they were advertised for as usual, "twenty days prior to the first day of January in each year," as re-

quired by law, and the advertisements asked that the proposals should be in by noon December 22d, 1892, in order that the same should "be opened and the contract awarded in the manner prescribed by Sections 51 to 54, of Article I, of the City Code." Upon the 17th instant, His Honor the Mayor sent me an ordinance, entitled "An ordinance to provide for awarding contracts for municipal public work, and for furnishing supplies to the several departments of the City Government," together with the request that I "be governed accordingly." Not understanding its exact bearing upon the contract for "Printing and Stationery," I appealed to the law officers of the corporation for advice as to my duty, when they gave as their opinion that I would have to re-advertise for proposals, and that the awarding of the contract would necessarily be postponed until the 10th day of January, 1893, under the circumstances. This was accordingly done.

ADDITIONS TO THE LIBRARY.

The following books, documents, pamphlets, &c., have been received during the year: Austin, Texas, Annual Report, 1891; Alleghany, Penn., Comptroller's Reports, 1890, 1891 and 1892; Atlanta, Ga., City Code and Annual Reports, 1891; Boston, Mass., catalogue of silver (Burdette & Co)., 1892, Document No. 94, Report of Council Committee on the Extension of their City Hall, Auditor's Report, 1892, and several copies of the "Greenbag," by Horace W. Fuller; Brooklyn, N. Y., Comptroller's Report, 1891;

Cincinnati, Ohio, Mayor's Message, 1892, and Comptroller's Reports, 1888–89 and 1890; Cambridge, Mass., Annual Documents, 1890 and 1891, Revised Ordinances, 1892; Charleston, S. C., two copies Annual Reports, 1890; Chicago, Ills., Report Department Public Works, Feast of the Virgin and other Poems from Laird & Lee, and from Moses P. Handy several plans and classifications of the World's Columbian Exposition; Cleveland, Ohio, Annual Reports, 1891; Concord, N. H., Annual Reports, 1891; District of Columbia, Annual Reports Commissioners, 1890 and 1891; also Directory of Architects and Contractors, 1892–93; Detroit, Mich., Annual Reports, 1891; Gloucester, Mass., City Documents, 1891; Lansing, Mich., Proceedings Sanitary Conventions, 1891 and 1892; Louisville, Ky., Annual Reports, 1890–91; Lynn, Mass., City Documents, 1891; Minneapolis, Minn., Annual Reports, 1891; Milwaukee, Wis., Department Reports, 1891; New York, Poor's Handbook of Investment Securities, Comptroller's Report, 1890 and 1891; New Orleans, La., Comptroller's Report, 1890, 1891 and 1892; Newark, N. J., Annual Reports, 1891; Newport, R. I., Annual Reports, 1891; New Haven, Conn., Year Book, 1891; Omaha, Neb., Annual Reports, 1891; Pittsburg, Pa., Comptroller's Report, 1891; Providence, R. I., Vols. 1 and 2 City Documents, 1891; Portland, Me., Municipal Reports, 1891–92; Portland, Oregon, Mayor's Messages and Reports and Laws and Ordinances, 1892; Philadelphia, Pa., The Washington-Madison Papers from S. V. Henkles; Reading, Pa., Mayor's Messages and

Reports, 1891; Salem, Mass., City Documents, 1891; Saginaw, Mich., Comptroller's Report, 1892; St. Louis, Mo., Comptroller's Report, 1891 and 1892; San Francisco, Cal., Municipal Reports, 1890–91; Troy, N. Y., its History from 1789 to 1889, by A. J. Weise; Texas, Agricultural and Statistical Report, 1891.

FOREIGN REPORTS.

Reports City Berlin, April 1st, 1890, to March 30th, 1891, and Annual Reports of Montreal.

FEDERAL PUBLICATIONS.

Interior Department: Census Bulletins as published, Report Commissioner Pensions, 1892; also Reports Nos. 1 and 2, 1888–9, Commissioner of Education; Inter-State Commerce Commission, their Report for 1891.

State Department: Consular Reports, Nos. 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144 and 145, and the following Special Reports: Canals and Irrigation; Foreign Countries; Coal and Coal Consumption in Spanish America; Gas in Foreign Countries; India Rubber; Stave Trade in Foreign Countries and Commercial Relations of the United States, 1887–8, 1888–9 and 1890–91.

Treasury Department: Reports Comptroller of the Currency, Vols. 1 and 2, 1891; Report Director of the Mint on Precious Metals, 1891.

War Department: Army Register, 1891-2; Report Chief of Ordnance, 1891; Report Judge Advocate General, 1892.

STATE PUBLICATIONS.

From State Librarian: Maryland Reports, Laws of Maryland, 1892; Journals Senate and House, 1892, and Senate and House Documents, 1892.

Mr. Benjamin C. Barroll presented the library a copy of his book "Maryland Equity."

From the Insurance Commissioner, his Report for 1891.

From the City Printer, Mr. John Cox, there have been received 140 copies Mayor's Message and Reports bound in sheep, and 60 copies in morocco, for 1891; 158 Journals of the First and Second Branches of the City Council, 1891-2, and 198 Ordinances and Resolutions, 1891-2.

From Messrs. King Brothers we received 800 copies of the new City Code.

From Mayor Latrobe, Gordon's Education of the Deaf.

From Mr. Geo. H. Williams, copy of Guide to Baltimore; Mr. Thomas W. Brundige, Secretary, copies Annual Reports Female House of Refuge, also Annual Records of the Mount Vernon Place M. E. Church.

From Johns Hopkins Hospital, President's Annual Report, 1892, and the Superintendent's for 1891.

From City Comptroller, Plats and Street Books, viz: Allen street from Fort avenue to Clement, and Allen street from Fort avenue to Claggett; Ann street, Andre street, Beason street, Brevard street, Belvidere street, Baltimore street, Calhoun, street, Clare street, Etting street, Lovegrove alley, Madison street, Mount street, Nanticoke street, Pulaski street, Riggs avenue and Regester street.

There have been purchased the following books: Two copies United States Postal Guide; Maryland State Gazetteer; City Directory; 5 vols. Daily Record, 1890–91; 4 vols. Shea's History of the Catholic Church; 2 vols. Century Dictionery; Police Prison Cyclopædia.

The following books have been bound: Reports House of Refuge, from 1851 to 1891; Maryland Hospital for the Insane, 1872 to 1891—five missing years were kindly furnished by Dr. Rohe; City Solicitor, from 1866 to 1891; Manual Training School, from 1884 to 1891; Boys' Home Society, 1868 to 1892; Maryland Insurance Reports, 1874 to 1890; Female House of Refuge, 1866 to 1891.

BOOKS CONTRIBUTED OR EXCHANGED.

Copies of the Mayor's Message and Annual Reports for 1891, have been sent to the Mayors of the follow-

ing cities: Atlanta, Ga., Alleghany, Pa., Austin, Texas, Annapolis, Md., Boston, Mass., Brooklyn, N. Y., Concord, N. H., Cincinnati, O., Charleston, S. C., Chicago, Ill., Cambridge, Mass., Cleveland, O., Detroit, Mich., Gloucester, Mass., Halifax, N. S., Lynn, Mass., Louisville, Ky., Montreal, Can., Memphis, Tenn., Mobile, Ala., Milwaukee, Wis., New York City, Newark, N. J., New Haven, Conn., Norfolk, Va., New Orleans, La., New Bedford, Mass., Omaha, Neb., Providence, R. I., Philadelphia, Pa., Pittsburg, Pa., Portland, Ore., Reading Pa., Richmond, Va., San Francisco, Cal., St. Louis, Mo., St. Paul, Minn., Salem, Mass., Savannah, Ga., Toronto, Can., Toledo, O., Wilmington, N. C., Wilmington, Del., Washington, D. C., Dublin, Ireland, Paris, France, Berlin, Germany, London, England, Rome, Italy; also to Smithsonian Institute, Peabody Institute, Johns Hopkins University and the Librarian of Congress.

The following books have been given out upon the order of His Honor the Mayor, viz: Baltimore City Code of 1867 one copy, 1879 fifteen copies, and 1892 four copies; Supplement of 1875 one copy, and 1885 seventeen copies; Council Journals of 1890 five copies, 1892 six copies; Annual Reports 20 copies, Ordinances and Resolutions 1880 one copy, 1889 three copies, 1890 one copy, 1891 ten copies, 1892 eight copies; five copies Public Local Laws, five copies History City Hall and two maps of the City.

To the City Council, fifteen copies of the Code of 1892, and one copy to each of the City Officers. Fifty-one copies of the Ordinances and Resolutions of 1890–91 to City Officers and members of the City Council and thirty-seven copies of Annual Reports for 1890–91 to the members of the City Council.

CONTENTS OF THE LIBRARY.

Bound Volumes			11,633
Pamphlets			7,779
Bound City Records			4,013
Bound Copies		"Sun"	75
"	"	"American"	53
"	"	"News"	14
"	"	"Herald"	20
"	"	"Gazette"	22
"	"	"City Record"	10
"	"	"Daily Record"	5
"	"	"Day"	6
"	"	"Commercial"	4
"	"	"Times"	2
"	"	"Clipper"	3
"	"	"Federal Gazette"	2
		Total	23,641

STATEMENTS.

The following Warrants have been drawn during the year 1892, *against the Appropriation for the City Library.*

Date.	Warrants.	To Whom Paid.	Amounts.	Remarks.
1892.				
Jan. 6	1039	Frederick J. Hess	$ 50	Sharpening erasers.
" 7	1040	Becker, Bros. & Sons	35	One box.
" 8	1041	U. S. Express	50	
" 8	1042	R. C. McLanahan	2 00	Binding 3 vols. and 1 pad.
" 12	1043	Postage Stamps	5 00	
" 22	1044	C. J. Owen	5 00	U. S. Postal Guide.
Feb. 1	1045	Wm. J. C. Dulany Co	418 94	Contractors.
" 1	1046	E. B. Towson	60 00	Salary.
" 2	1047	A. S. Abell & Co	15 00	Mortuary Reports.
" 2	1048	Frederick D. Linn & Co	3 50	Sunday Law.
" 11	1049	R. L. Polk & Co.	5 00	State Directory.
" 29	1050	E. B. Towson	60 00	Salary.
" 29	1051	Wm. J. C. Dulany Co	553 82	Contractors.
Mar. 1	1052	A. S. Abell & Co.	11 00	Transportation books.
" 22	1053	Lucas Bros. (City Collector)	7 25	1 check book.
" 29	1054	John Cox	29 40	Annual Reports.
" 31	1055	Wm. J. C. Dulany Co.	742 19	Contractors.

Mar. 31	1056	Mrs. Mary A. Short	4	50	Washing towels.
" 31	1057	Daily Herald		79	
" 31	1058	E. B. Towson	60	00	Salary.
" 31	1059	Daily American	1	62	
Apr. 13	1060	Meals during Council	14	50	
" 26	1061	Postage Stamps	5	00	
" 29	1062	R. L. Polk & Co	5	00	City Directory.
" 30	1063	Wm. J. C. Dulany Co	344	15	Contractors.
" 30	1064	E. B. Towson	60	00	Salary.
May 23	1065	Daily Record Co	12	00	4 vols. Record.
" 28	1066	Wm. J. C. Dulany Co	278	65	Contractors.
" 31	1067	E. B. Towson	60	00	Salary.
June 3	1068	Wm. J. C. Dulany Co	214	15	Contractors.
" 11	1069	Adams Express Co		45	Book from Chicago.
" 14	1070	R. C. McLanahan	12	15	Rebinding 12 vols. & atlas.
" 30	1071	Wm. J. C. Dulany Co	250	58	Contractors.
" 30	1072	E. B. Towson	60	00	Salary.
" 30	1073	Mrs. Mary A. Short	4	50	Washing towels.
" 30	1074	Daily Herald		79	
" 30	1075	Daily American	1	62	
July 1	1076	J. T. Harris	1	00	School Journal.
" 30	1077	E. B Towson	60	00	Salary.
" 30	1078	Wm. J. C. Dulany Co	121	40	Contractors.
		Amount carried forward	$3,492	30	

Warrants Drawn during the year 1892—*Continued.*

Date.	Warrants.	To Whom Paid.	Amounts.	Remarks.
1892.		Amount brought forward.....	$3,492 30	
Aug. 19	1079	F. W. Koch & Co.....	3 50	Warrant book.
" 31	1080	Wm. J. C. Dulany Co.....	305 35	Contractors.
" 31	1081	E. B. Towson.....	60 00	Salary.
" 31	1082	Wm. J. C. Dulany Co.....	3 36	Contractors.
Oct. 1	1083	Void		
" 1	1084	E. B. Towson.....	60 00	Salary.
" 6	1085	Daily American.....	1 62	
" 6	1086	Daily Herald.....	79	
" 10	1087	F. W. Koch & Co.....	14 00	100 Assessment books.
" 11	1088	Daily Record Co.....	3 00	1 vol. Record.
" 11	1089	Wm. J. C. Dulany Co.....	887 17	Contractors
" 11	1090	Meals during Council.....	4 00	
" 25	1091	U. S. Express Co.....	25	Book from Annapolis.
" 25	1092	Becker Bros. & Co.....	40	1 box.
" 29	1093	Mrs. Short & Walsh.....	4 50	Washing towels.
" 31	1094	E. B. Towson.....	60 00	Salary.
Nov. 2	1095	Adams Express Co.	65	Book from Cambridge.
" 2	1096	Wm. J. C. Dulany Co.....	230 59	Contractors.
" 10	1097	Postage stamps.....	3 00	

"	17	1098	U. S. Express Co.	21 17	46 packages.
"	28	1099	City Collector	1 00	1 tracer.
"	30	1100	E. B. Towson	60 00	Salary.
Dec.	1	1101	Wm. J. C. Dulany Co.	199 19	Contractors.
"	2	1102	Daily Record Co.	3 00	Advertising proposals.
"	2	1103	Herald Publishing Co.	6 50	" "
"	5	1104	Chas. C. Fulton & Co.	9 10	" "
"	5	1105	A. S. Abell & Co.	9 43	
"	5	1106	Cushing & Co.	20 00	3 & 6 vols. Century Dict'y.
"	5	1107	F. Raine	7 64	Advertising proposals.
Dec.	6	1108	Evening News Co.	9 10	" "
"	6	1109	Scott Paper Co	10 00	Toilet paper.
"	6	1110	Balto. & Phila. Steamboat Co		25 Freight.
"	22	1111	G. W. Hale	2 50	Police Cyclopædia.
"	22	1112	A. S. Abell & Co	14 18	Re-advertising proposals.
"	22	1113	Herald Publishing Co.	14 07	" "
"	22	1114	Chas. S. Fulton & Co	12 08	" "
"	22	1115	F. Raine	13 48	Re-advertising proposals.
"	27	1116	Pres't & Direct's Georgetown College	20 00	Set Shea's History of the Catholic Church.
"	29	1117	E. B. Towson	60 00	Salary.
"	29	1118	Mrs. T. Walsh	4 50	Washing towels.
"	29	1119	W. H. Poske	1 62	Sub. Daily American.
"	29	1120	A. W. Barnhart	79	" Herald.
"	29	1121	Wm. J. C. Dulany Co.	834 11	Contractors.
			Total	$6,468 19	

COST OF STATIONERY, PRINTING, &c., 1892.

In compliance with the 3d Section of the City Code, I beg to report that the stationery, printing, &c., for the several Departments of the City Government during the year 1892, have cost:

	1891.	1892.
Appeal Tax Court	$ 199 88	$ 112 40
Baltimore City Jail	311 13	234 00
Bay View Asylum	131 70	179 16
City Collector	2,089 68	2,004 84
City Comptroller	291 43	470 89
City Register	171 78	146 66
City Commissioner	254 56	338 33
Commissioners for Opening Sts	81 13	60 29
Commissioner of Street Cleaning,	14 54	56 97
Clerk Centre Market	1 28	44
" Canton Market	25	13
" Cross Street Market	94	1 54
" Belair Market	44	36
" Fell's Point Market	59	91
" Hanover Market	1 35	82
" Hollins Market	1 08	71
" Lafayette Market	....	87
" Lexington Market	4 50	3 00
" Northeastern Market	35	25
" Richmond Market	1 69	91
Dog Pound	11 54	65
Examiner of Titles	3 35	19 21
Amounts carried forward	$3,573 19	$3,633 34

Amounts brought forward.....			$3,573 19	$3,633 34
Fire Department.....			623 99	475 78
General Superintendent of Lamps			102 22	66 21
Health Department.....			1,336 25	701 71
Harbor Board.....			71 01	117 73
Harbor Master No. 1.....			30 22	5 79
" " No. 2.....			3 12	11 49
" " No. 3.....			2 50	8 78
" " No. 4.....			7 98	10 36
" " No. 5.....			17 88	18 52
Inspector of Buildings.....			123 92	142 62
Inspector of Gas and Oils.....			9 11	12 82
Law Department.....			31 59	116 55
Library.....			1,043 50	1,142 25
" Clerk.....	$720 00			
" 14 books purchased	70 00			
" Office records....	94 15			
" Express charges.	24 02			
" Postage.....	13 00			
" Washing towels,	18 00			
" Newspapers	9 64			
" Advertising	98 58			
" Specifications, 1893.....	18 00			
" 37 meals during Council	18 50			
" 1106 memorandum pads.....	27 65			
" Stationery.....	30 71			
Amounts carried forward.....			$6,976 48	$6,463 95

Amounts brought forward....	$6,976 48	$6,463 95
Mayor	261 76	165 07
Superintendent of City Hall....	3 00	3 01
Total expenditures.....	$7,241 24	$6,632 03
Out of Stock.....	217 86	163 84
Cash per warrants.....	$7,023 38	$6,468 19
Covered back in Treasury.....	776 62	831 81
Appropriations	$7,800 00	$7,300 00

The following departments while ordering their stationery and printing through the Librarian, pay for it by their own warrants, viz:

Chief Engineer Water Department.....	$ 284 84	$ 308 24
Park Commission.....	139 20	140 47
*Supervisors of Elections.....	1,216 95	306 27
Water Department.....	974 48	1,084 96
Total.....	$2,615 47	$1,839 94

*This department purchased the greater portion of their printing and stationery themselves this year.

RECEIPTS FOR THE YEAR.

8 Ordinances and Resolutions sold	$12 00
3 Public Local Laws sold	1 08
12 City Codes of 1892	48 00
Waste paper	4 01
Total	$65 09

Respectfully submitted,

GEO. C. WEDDERBURN,

City Librarian.

ANNUAL REPORT

— OF THE —

HARBOR BOARD

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

Harbor Board of Baltimore,

JANUARY, 1893.

F. C. LATROBE, MAYOR,

President ex officio.

JAMES S. WOODSIDE,
Secretary of Board.

EDWARD J. CODD,

HENRY WILLIAMS,

Executive Committee.

FIELDER C. SLINGLUFF.

MARTIN WAGNER.

J. VERNON CAMPBELL.

N. H. HUTTON, *Engineer.*

J. H. IRVIN, JR., *Clerk.*

REPORT

OFFICE OF THE HARBOR BOARD OF BALTIMORE.

January, 1893.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN:

The undersigned, a committee appointed by the Harbor Board for the purpose, respectfully submit the following report of operations for the year ending December 31st, 1892.

There was appropriated for the several branches of the Board's duties, during 1892, as follows:

For harbor, docks, channels, &c.....	$47,000 00
For Jones' Falls improvement (special appropriation).....	15,000 00
For channels in Middle Branch (special appropriation).....	30,000 00
For widening mouth of harbor.....	15,000 00
For removal of Foley's wharf (special appropriation).....	7,000 00
For repair of tug "Baltimore".....	6,000 00
For removal of ashes from tow-boats.....	1,476 23
For maintenance and operation of ice-boat.	10,000 00
For repair and supervision of wharves	3,000 00
Making a total of.....	$134,476 23

HARBOR.

Sewer and other deposits were removed to depths of fifteen feet to twenty feet at low water: from the Back Basin (or City dock); from fourteen (14) docks on the north and south sides of harbor; from all docks along Light street, and from the head of the basin, from Light street to Bowly's wharf, and on the north side from Bowly's to Union dock; also from very considerable areas opposite the mouths of Jones' Falls and Harris' Creek.

There was excavated under this head 282,434 cubic yards, at a *gross* cost of $16\frac{641}{1000}$ cents per yard, which includes the expenses of administration, supervision, surveys, &c. The greater part was removed from the Back Basin, head of basin, and docks, at the higher price per yard in contractors' schedule.

JONES' FALLS.

In Jones' Falls, deposits were removed to twelve feet below low water, from Canton avenue to Pratt Street bridge; though, owing to the rapid inflow of sediment into this stream, not over ten to eleven feet depth was found on completion of work. There was excavated and removed 38,184 cubic yards, at a *gross* cost of $39\frac{283}{1000}$ cents per yard.

MOUTH OF HARBOR.

The shoal exposed by the removal of Foley's wharf was dredged to a depth of twenty-four feet at low

water, over the larger portion of the area, between twenty-four feet depth in the river and the pier head lines; the remaining portion was dredged to eighteen feet depth.

55,327 cubic yards were removed, at a *gross* cost of $26\frac{844}{1000}$ cents per yard; the material being generally hard clay and sand.

SPRING GARDENS.

In the main and Middle Branches (Spring Gardens), commencing over 3,000 feet *below* Light Street bridge, in a depth of seventeen feet at low water, a channel of same depth, was excavated to the draw in bridge, and thence above to intersection with the fifteen feet deep channel, heretofore dredged.

Thence the old main channel was dredged to seventeen feet to a point opposite to Bayard Street lateral channel. This lateral channel, as well as Bush Street channel, was also dredged to seventeen feet.

Above this sewer deposits were removed to twelve feet depth, and over, up to head of Basin at Eutaw and Howard streets.

194,152 cubic yards were removed under the special appropriation, at a *gross* cost of $15\frac{451}{1000}$ cents per cubic yard.

TOTAL DREDGING.

The whole quantity of material removed (exclusive of Jones' Falls), was 531,913 cubic yards, at a *gross* cost of $91,851.09, or $17\frac{268}{1000}$ cents per yard.

There was paid contractors $14\frac{268}{1000}$ cents per yard, and for general administration, supervision, surveys, &c., three cents per yard.

REMOVAL OF FOLEY'S WHARF.

One hundred and thirty-five (135) feet of this wharf were removed, rendering it no longer an obstruction to navigation; the site was dredged to fifteen feet depth at low water, and a wooden bulkhead was built to cover the end of the portion not removed, as per agreement with owners. The *gross* cost of this work was $6,205.42.

REPAIRS TO WHARVES.

Oak fender piles, and pine cap logs, were placed to protect work in Back Basin.

The stone bulkhead at South street wharf was partly rebuilt and all of it repaired; a new platform constructed; the street regraded, and repaved in rear of bulkhead. The *gross* cost of all repairs was $2,811.91.

REPAIR OF TUG "BALTIMORE."

This boat has been provided with a new boiler, the machinery repaired and improved where necessary, and the woodwork of decks, beams, guards, rail and house, almost entirely renewed. The *gross* cost of all repairs was $6,745.07. The boat was put in commission for service in ice on December 27th.

ICE-BOAT.

This vessel has been maintained in good working condition. The usual service was rendered the Free Summer Excursion Society, and about 15,000 persons were conveyed to and from Chesterwood. The boat was put in service for ice breaking December 28th. Expenditures for the year were $8,662.22.

REMOVAL OF ASHES FROM TOW-BOATS.

It was found desirable to substitute a "deck" scow for the reception of ashes, for the "dump" scow originally procured for this service, and an exchange was made of the "dump" scow for a new, large and strong deck scow, and $775 in money in addition. This scow is now in use, and has proved eminently satisfactory.

Ninety-eight (98) boats have used this place of deposit, and 48,574 bushels of ashes have been received and suitably disposed of. Expenditures on this account were $1,142.78.

OPERATIONS OF THE NATIONAL GOVERNMENT.

Under the direction of Colonel Wm. P. Craighill, Corps of Engineers U. S. A., there has just been completed the very important work of enlarging to 600 feet width the 27 feet deep ship channels leading to this port. In addition the width has been made at all "angles" or "turns" 1000 feet.

The magnitude of this work may be appreciated when it is known that over 6,000,000 cubic yards of material were excavated, and much of it transported from ten to fifteen miles to a place of deposit, all in a little over eighteen months of working time.

REQUIREMENTS FOR 1893.

The Board would request that the following appropriations be made for the several purposes named :

For harbor, &c.	$50,000 00
For widening harbor mouth	15,000 00
For maintenance, repair and operation of ice-boat	20,000 00
For removal of ashes from tow-boats	1,500 00
For repair and supervision of wharves	5,000 00
In all	$91,500 00

The Board, in conclusion, would state that, in its judgment, the sums asked for are the *least* that will permit a proper performance of its duties and, as will be perceived, are *less* than the sum of appropriation for 1892 by $42,976.23.

Respectfully submitted,

HENRY WILLIAMS,
E. J. CODD,
JAS. S. WOODSIDE,

Committee.

Approved by the Board :

JAS. S. WOODSIDE, *Secretary.*

ENGINEER'S REPORT.

Statement of Receipts and Disbursements of the Harbor Board of Baltimore for the Year Ending December 31, 1892.

	Harbor.		Middle Branch and Channel to Bush Street dock.		Widening mouth of Harbor.		Dredging Jones' Falls.		Ice-Boat.		Repairs to Wharves.		Removal of Ashes from Tow-boats.		New boiler and repairs to Tug Baltimore.		Removal of a portion of Foley's Wharf.	
Appropriation for work of 1892		$47,000 00		$30,000 00		$15,000 00		$15,000 00		$10,000 00		$3,000 00		$1,476 23		$6,000 00		$7,000 00
Received on account exchange of ash scows														775 00				
Amount transferred as per Resolution No. 187, approved October 11, 1892																794 58		$794 58
Available money for work of 1892		$47,000 00		$30,000 00		$15,000 00		$15,000 00		$10,000 00		$3,000 00		$2,251 23		$6,794 58		$6,205 42
Expenditures, as follows:																		
Advertising	$ 20 70		$ 24 44		$ 8 12		$ 23 78											
Contracts for dredging	37,511 01		26,210 51		12,171 94		12,944 31											
General administration	2,651 29		984 40		898 48		666 66											
Labor and material for repairs to wharves											$2,811 91							
New boiler and repairs to tug Baltimore															$6,745 07			
Removal of a portion of Foley's wharf																	$6,205 42	
Removal of ashes from tow boats													$1,142 78					
Supervision of dredging	1,506 97		973 37		713 92		710 00											
Surveys	1,112 31		845 78		159 63													
Tug and Ice-boat:																		
Crew	2,407 15		921 50		879 00		655 25		$5,887 54									
Fuel	584 90		40 00		20 00				148 50									
Insurance									100 00									
Repairs	74 71								2,036 95									
Supplies	150 96								489 23									
Hire of boat during repairs to tug	980 00																	
Unexpended balances					148 91				1,337 78		188 09		1,108 45		49 51			
	$47,000 00	$47,000 00	$30,000 00	$30,000 00	$15,000 00	$15,000 00	$15,000 00	$15,000 00	$10,000 00	$10,000 00	$3,000 00	$3,000 00	$2,251 23	$2,251 23	$6,794 58	$6,794 58	$6,205 42	$6,205 42

N. H. HUTTON, *Engineer Harbor Board.*

Statement of Contracts Let and Work Done (Dredging, Repairs to Tug, Removal of Foley's Wharf, Repairs to Wharves and Removal of Ashes) during 1892, under Supervision of the Harbor Board of Baltimore.

By Whom Done.	Kind of Work.	Date of Contract.	Prices.		Work Done.
Baltimore Dredging Company	Dredging	April 22, 1892	13½ cents per cubic yard		237,397 cubic yards.
" " "	"	May 9, 1892	35 " "		36,094 " "
			14 9/10 " "		2,090 " "
" " "	"	June 16, 1892	10 8/10 " "		96,736 " "
" " "	"	" "	14 9/10 " "		142,453 " "
" " "	"	" "	22 " "		55,327 " "
James Clark Company	New boiler and repairs to tug Baltimore	Feb. 25 "	$3,457 00	$6,745 07	Completed.
Harbor Board	Repairs to woodwork and painting tug		3,288 07		
W. B. Brooks, Jr.	Removal of a portion of Foley's wharf	April 16 "	$4,388 88	$6,205 42	"
John H. Brown	Wooden bulkhead at Foley's wharf	" 12 "	1,323 98		
Harbor Board	Boring at Foley's wharf and general supervision		492 56		
John H. Brown	General repairs to wharves (labor and material)	June 9 "	Rep. to South st. and Bowly's whf. $1,021 81 Repairs in Back Basin 1,285 75 Gen'l supervision. 504 35		"
Harbor Board	Removal of ashes from tow-boats		Maintenance of ash scow $1,142 78		48,574 bus. dumped

Location of Dredging	Approximate Area Dredged	Depth of Water Obtained.
Jones' Falls	60,000 square feet.	12 feet.
Mouth of Harbor	170,000 " "	18 to 24 feet.
Middle Branch	1,799,360 " "	12 to 17 "
Harbor and channels generally	656,250 " "	19 to 20 "
Back Basin and docks	595,000 " "	14 to 16 "

SUMMARY OF RESULTS.

Year.	Area Dredged.	Average Depth of Cutting.	Total Excavation.
1892	3,220,610 square ft. Exc. Jones' Falls	4 feet 5½ inches.	570,097 cubic yds.
1876 to 1891, inclusive	34,855,311 square ft.	5 " 1½ "	6,615,541 "
Total, 1876 to 1892, inclusive.	38,075,921 "	5 " 1 "	7,185,638 "

N. H. HUTTON, *Engineer Harbor Board.*

REPORT.

OFFICE OF ENGINEER OF HARBOR BOARD.

BALTIMORE, January, 1893.

To the President and Members
of the Harbor Board of Baltimore.

GENTLEMEN :

I have the honor to submit the following report of operations during the year ending December 31st, 1892.

Appropriations for year 1892 were as follows by the Mayor and City Council :

Account of Harbor (including all dredging of harbor, docks, channels, &c., and the execution of all laws relating to harbor)	$47,000 00
Account of Jones' Falls (including removal of deposits above Canton Avenue bridge) (special resolution)	15,000 00
Amount carried forward	$62,000 00

Amount brought forward ...	$62,000 00
Account of Middle Branch (Spring Gardens), including deepening channels to 17 feet (special ordinance).....	30,000 00
Account of Widening Harbor Mouth (including the extension of deep water over the shoal exposed by removal of Foley's wharf).....	15,000 00
Account of removal of Foley's wharf (special ordinance) ...	7,000 00
Ice-boat (repair and maintenance).....	10,000 00
Tug "Baltimore" (repair of)..	6,000 00
Removal of ashes (unexpended balance of 1891).....	1,476 23
Repair of wharves.....	3,000 00
Making a total of	$134,476 23

Dredging in Spring Gardens.

The appropriation for deepening the channels in the Main and Middle Branches (Spring Gardens) to 17 feet at low water, was made in February; advertisements were issued in March, and bids received as below:

ABSTRACT OF BIDS FOR DREDGING.

Opened March 18th, 1892.

BIDDERS.	Dredging in Spring Gardens.
Baltimore Dredging Co.....	13½c. per cub. yard.
W. B. Brooks, Jr.....	14½c. " "
Geo. C. Fobes & Co.....	13 7/10c. " "

The Baltimore Dredging Company, being the lowest bidders, the contract was awarded to them. They commenced operations in the natural depth of 17 feet (about 3,000 feet below the draw in Light Street bridge), on May 22d, and completed their contract on October 14th. They excavated and removed

Quantity.

	Cubic yds.
On account special appropriation	194,152
On account harbor, docks, &c	43,245
Or a total of	237,397

The following cuts were made:

Extent.

Below Light Street bridge	90 x	3,230	ft.,	17	ft. deep.
At Light Street draw	215 x	707	"	17	"
Above Light Street draw	135 x	7,805	"	17	"
Bush Street channel	90 x	950	"	17	"
Bayard Street channel	45 x	725	"	17	"
Front of bulkheads	45 x	550	"	17	"
Main Channel to Eutaw street	45 x	900	"	12	"
Mouth Chatsworth Run	90 x	625	"	12	"
In Chatsworth Run	30 x	150	"	9	"
Across head of Basin	90 x	315	"	12	"
Mouth Eutaw Street sewer	45 x	165	"	12	"
Mouth Eutaw Street sewer	45 x	160	"	12	"

Covering a total area of 1,799,360 square feet.

Dredging in Jones' falls.

After due advertisement, bids for dredging in Jones' Falls were opened on April 22d. The only bidder was the Baltimore Dredging Company, to whom the contract was awarded at 35c. per cubic yard. The single bid may be accounted for on the

ground that this Company was the only qualified bidder having machines suited to this work, and capable at small expense of being passed under the bridges.

Quantity.

Operations were commenced under this contract on May 21st, and completed on November 5th; 38,184 cubic yards were excavated and removed, and the deposits dredged away to 12 feet depth at low water from Canton Avenue bridge to Pratt Street bridge, a distance of about 1,000 feet. Though the dredging was done to 12 feet and over, on completion of the work not over from 10 to 11 feet depth was found.

Bids for dredging in Harbor, Docks, &c.

Bids for dredging in harbor, docks, &c., and at mouth of Harbor, were opened on May 12th, as per following abstract.

ABSTRACT OF BIDS FOR DREDGING.

Opened May 12th, 1892.

BIDDERS.	Harbor and Channels.	Back Basin and Docks.	Mouth of Harbor.
	cts. per cub. yd.	cts. per cub. yd.	cts. per cub. yd.
Baltimore Dredging Co.....	$11\frac{8}{16}$	16	25
John H. Madison	$10\frac{8}{16}$	$14\frac{9}{16}$	22
L. J. Fobes.....	12	17	26
W. B. Brooks, Jr.....	$12\frac{1}{4}$	$16\frac{1}{2}$	26

And on June 2d the contract was awarded to Baltimore Dredging Company at the following rates :

Harbor and Channels. $10\frac{8}{10}$ cts. per cub. yd.
Back Basin and Docks $14\frac{9}{10}$ " "
Mouth of Harbor..... 22 " "

It may be remarked that the excavation at mouth of harbor is mainly through hard clay and sand.

Operations on the harbor, basin and docks were commenced on June 24th and completed on December 19th.

Excavations.

There was excavated and removed under this contract :

	Cubic yds.
From Harbor generally.....	96,736
From head of Basin and Light street docks.....	43,565
From Back Basin and docks	98,888
Making a total of	239,189

All deposits in Back Basin were removed to 15 feet depth, including the Falls, below Canton Avenue bridge.

The entrance to Back Basin was dredged to 18 feet depth, and a cut 180 feet wide

and 1,417 feet long was made to 19 and 20 feet depth opposite the mouth of Jones' Falls in the harbor.

The head of Basin, including docks along Light street, was dredged to hard bottom (from 17 to 20 feet depth), and on the west side, from Bowly's wharf to Union dock.

At the mouth of Harris' Creek, and adjacent thereto, a cut 225 by 435 feet was dredged to 15 feet depth, and another 135 feet wide by 548 feet long to 19 feet depth. Several minor excavations on the north and south sides of harbor were made. 30,211 cubic yards were removed from fourteen (14) docks and sewer mouths on the north and south sides of the harbor.

The total area dredged over was 1,251,250 square feet.

Dredging at mouth of Harbor.

Operations on the work at the mouth of the harbor were commenced on September 28th and completed on December 16th. There was excavated and removed during this period 55,327 cubic yards. A cut 100 feet by 1,400 feet was made to 24 feet at low water, and one cut 30 feet by 1,000 feet to 18 feet depth. Most of this excavation was through hard clay and sand; it

covered an area of 170,000 square feet. This work affords a channelway of 24 feet depth, passing within 35 feet of the end of Foley's wharf (as rebuilt).

Cost of all dredging.

The *gross* cost of all dredging for the season was :

	Cents per yd.
Account Jones' Falls.....	$39\frac{383}{1000}$
" Harbor, Back Basin and Docks...	$16\frac{641}{1000}$
" Middle Branch (Spring Gardens)..	$15\frac{457}{1000}$
" Widening Harbor Mouth.....	$26\frac{344}{1000}$

Material removed.

The total quantity of material removed (excepting Jones' Falls) was 531,913 cubic yards, and the *gross* expenditures were $91,851.09, or an average of $17\frac{268}{1000}$ cents per yard. Payments to contractors averaged $14\frac{268}{1000}$ cents per yard, and cost of general administration, supervision, surveys, tug-boat, &c., was 3 cents per yard.

Remarks.

It may here be noted that a large portion of this work was such that from 500 to 700 yards per day was an average performance for one (1) dredge, and that the cost for supervision was necessarily exactly the same as if the dredge had been engaged on work permitting the removal of 2,500 cubic yards per day. The whole area dredged over was about 357,845 *square* yards, and the excavations amounted to

531,913 *cubic* yards, so that the average depth of the cutting was $1\frac{486}{1000}$ yards, or about 4 feet 5½ inches.

In Jones' Falls the area of excavation was about 7,000 square yards; the quantity removed was 38,184 cubic yards; and consequent depth of cutting $5\frac{45}{100}$ yards, (about 16 feet 4 inches.) As the water in advance of dredging was from 3 to 4ft. deep, it follows that about twice the amount was removed to obtain 12 feet, that would have been necessary if there had been no deposit of sediment from above during progress of work.

Survey.

A very complete hydrographic survey of the Harbor and Main and Middle Branches was made, by Mr. M. P. Paret, with maps of the results, on a large scale. The most conspicuous changes are shown in the extension of the shoal below Light Street bridge, and the rapid "filling in" on the site of the old "Middle Ground," opposite the mouth of Jones' Falls (now Anchorage No. 1.)

REPAIRS OF WHARVES.

Repairs to wharves.

Proposals for repair of wharves were opened on May 12th, as per following abstract:

ABSTRACT OF BIDS FOR REPAIRS TO WHARVES.

Opened May 12th, 1892.

BIDDERS.	Pine Piles driven and cut off.	Oak Piles driven and cut off.	Virgina timber in place, per M ft.	Georgia timber in place, per M ft.	Iron, per lb.	Labor and tools, per day.	Rubble in place, cubic yard.
W. B. Brooks, Jr..	15c. lin. ft.	22c. lin. ft.	$25.00	$32.00	4c.	$3.00, Foreman. 2.50, Engineer, &c. 7.00, Pile drivers,	$7.00
J. H. Brown.....	$4.75 per pile.	$7.20 per pile.	22.00	32.00	4c.	$2.50	6.50

Abstract of of bids for repairs to wharves.

Work done.

The contract was awarded to Mr. John H. Brown (the lower bidder.) Work was confined to renewing fender piles, and cap logs in the Back Basin, and the repair of stone bulkhead and platform at South street and Bowly's wharves. In the Back Basin, 103 oak piles were driven; 99 were cut off where decayed; 4 were removed entirely; 959 linear feet of 12x12 inch Georgia pine cap log was put on, and 571 linear of old cap was refitted and fixed in place after decayed parts had been removed. Expenditures for this work were $1,285.75.

At South street and Bowly's wharf, eleven (11) feet linear of stone bulkhead was rebuilt, and about 100 feet linear was repaired; coping reset and repaired, &c.; a new platform, 189 by 10 feet, was built; 27 pine fender piles were driven, and minor repairs of guard logs, and platform were made to Bowly's wharf, and heavy oak fast piles driven at Pratt street and Bowly's wharf. The street in rear of bulkhead at South, was raised, regraded, and 2,557 square feet of new paving laid. Expenditures were $1,021.81.

REMOVAL OF FOLEY'S WHARF.

Removal of Foley's wharf.

After many years of effort to remove at least a portion of this wharf, which pro-

jected into the river at Lazaretto Point, at its narrowest part, and in the very mouth of the harbor, satisfactory arrangements were made last spring with the owners, and $7,000 was appropriated for the purpose of removing 135 feet of the wharf, and dredging to 15 feet at low water over the site, as well as to construct a new bulkhead to enclose the remainder.

Bids.

After due advertisement, bids were opened on April 1st, as per following abstracts:

ABSTRACTS OF BIDS.

Opened April 1st, 1892.

FOR REMOVAL OF FOLEY'S WHARF.

BIDDERS.	Removal of Wharf.	Dredging below Low Water.
		cts. per cub. yd.
L. J. Fobes	$1,600	27½
Baltimore Dredging Co	1,525	27
W. B. Brooks, Jr.	1,350	26

FOR BUILDING BULKHEAD FOLEY'S WHARF.

BIDDERS.	Each pile driven and cut off.	Va. timber, per M. ft.	Ga. timber, per M. ft.	Each pound of iron in work.
Benjamin Glenn	$4.85	$25	$32	4 cts.
J. H. Brown	4.25	23	29	4 "
W. B. Brooks, Jr.	8.50	25	32	3½ "

The contract for removing the wharf, and dredging to 15 feet depth over its location, was awarded to Mr. W. B. Brooks, Jr., and that for the construction of a wooden bulkhead to enclose the end of remaining portion of old wharf, to Mr. Jno. H. Brown.

Mr. Brooks commenced operations on April 26th, and completed his contract on May 14th.

Mr. Brown commenced work on June 13th, and completed a half crib bulkhead, 150 feet long, on August 9th.

Cost.

There was paid for removing old wharf and dredging over site.	$4,388 88
For building bulkhead.....	1,323 98
For boring to determine nature of bottom.....	132 00
Supervision, advertising, &c...	360 56
Total cost.....	$6,205 42

The unexpended balance of $794.58 was by resolution of the Mayor and City Council transferred to the account of "Repair of Tug Baltimore."

REPAIR OF TUG BALTIMORE.

Repairs to tug.

It was found absolutely necessary to provide a new boiler for this boat, as well as

to renew almost entirely all wood work of decks, guards, rail, house, &c., to which no extensive or thorough repairs had been made for 17 years.

An appropriation for this purpose was made of	$6,000 00
To which was transferred balance from account for removal of Foley's wharf	794 58
Making available fund of	$6,794 58

Proposals for furnishing a new boiler, and making specified repairs to machinery were opened on January 15th, as per following abstract: New boiler.

James Clark Co	$3,050 52
Charles Reeder & Co	3,380 00
R. M. Spedden & Co	3,950 00
J. C. Froehlich & Co	4,500 00

and the contract awarded to the James Clark Company, the lowest bidder.

It was not possible to ask for proposals on the repairs to woodwork, as the regulations of the Ship Builders' Association forbid it, and in addition the extent and character of work required, could not be specified in advance or until old work was uncovered or removed. This portion of the work was therefore done by day's work. Repairs.

Expenditures on this account were—

On account James Clark Co.'s contract	$3,050 52
On account extra work on machinery	404 73
On account repairs of woodwork and painting	3,289 82
Making total cost of repairs...	$6,745 07

REMOVAL OF ASHES FROM TOW-BOATS.

Removal of ashes. The use of a "dump" scow for reception and removal of ashes, was found on trial to be for many reasons objectionable, and it was determined to substitute a "deck" scow for the purpose; an exchange was made, whereby for the "dump" scow was procured a new, large and strong "deck" scow, built to suit our purposes, and $775 in money, (which was, as required by law, covered into the City Treasury.) This scow was used as a deposit for ashes by ninety-eight (98) tow-boats, which deposited during the year 48,574 bushels of ashes. These ashes are removed from the scow monthly, or oftener if required, and placed behind bulkheads, during the past year mainly at Foley's wharf.

The appropriation for the maintenance and operation of this scow was unexpended balance of 1891	$1,476 23
Expenditures on this account were	1,142 78
Leaving a balance of	$333 45
Adding to this, amount turned into the City Treasury on account of exchange of scows	775 00
Makes a total unexpended balance of	$1,108 45
Which deducted from the original appropriation of 1891	5,000 00
Shows for total expenditures (including the purchase of scow, maintenance, inspection, &c., for two years)	$3,891 55

Cost for 1891 and 1892.

ICE-BOAT.

Ice-boat.

The ice-boat "F. C. Latrobe" has been maintained in serviceable condition, and put in service for work in ice on December 28th.

The usual trips were made for the Free Summer Excursion Society, and about 15,000 persons were carried to and from Chesterwood.

I would earnestly recommend to the Board the importance to the continued efficiency of this vessel, of the repairs and alterations proposed to be made, and the necessity of having the amount, which I have recommended, appropriated by the Mayor and City Council.

OPERATIONS OF 1893.

Operations of 1893.

I would recommend appropriations as follows, for the year 1893:

Acccount of harbor, &c.....	$50,000 00
Account widening harbor mouth	15,000 00
Account ice-boat (maintenance and repair).....	20,000 00
Account removal of ashes, &c..	1,500 00
Account repair and supervision of wharves.....	5,000 00
Making a total of.....	$91,500 00

The officers and employees of the Board, under my direction, have performed their duties with energy and fidelity, and I am under obligation to them for valuable assistance.

Respectfully,

N. H. HUTTON,

Engineer.

THIRTY-THIRD ANNUAL REPORT

— OF THE —

COMMISSIONERS

— FOR —

OPENING STREETS

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

OFFICE OF THE COMMISSIONERS FOR OPENING STREETS.

BALTIMORE, January 1st, 1893.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN:

We have the honor to submit to you a statement of the operations of this Department, from January 1st, 1892, to December 31st, 1892, inclusive.

The following list comprises the streets, alleys, &c., condemned, opened and closed during the above stated time; also the amount of damages, expenses and benefits and amount assessed to the Mayor and City Council for each and every street, &c., as follows:

Name of Street, &c.	No. Ord.	Approved.	Damages.	Expenses.	Benefits.	Amount on City
Allen street, from Fort avenue to Claggett street	35	April 1st, 1890	$ 18,596 84	$ 567 76	$ 5,684 36	$ 13,480 24
Seventh street, from Northwest street to Morris avenue	108	June 3d, 1891	14,605 57	476 14	10,060 00	5,021 71
Eighth street, from Northwest street to Elgin avenue	126	June 18th, 1891	11,490 11	430 63	8,130 00	3,790 74
Northwest street, from Seventh street to Ninth street	127	June 18th, 1891	3,920 62	328 02	4,090 00	158 64
Elgin avenue, from Ninth street to Seventh street	125	June 18th, 1891	6,060 78	312 77	3,407 50	2,966 05
Myrtle avenue, from Slingluff avenue to Ninth street	132	June 23d, 1891	11,796 18	355 78	4,715 00	7,436 96
Windsor avenue, from Fourth street to Ninth street	128	June 18th, 1891	14,468 52	405 45	9,355 00	5,518 97
Clifton avenue, from Ninth street to Fourth street	110	June 3d, 1891	18,413 08	487 21	9,295 00	9,605 29
Ward street, from Bayard street to Stockholm street	89	May 19th, 1890	9,352 72	581 08	4,076 87	5,856 93
Cleveland street, from Bayard street to Stockholm street	88	May 19th, 1890	9,385 00	408 03	4,680 00	5,113 03
Spring street, from Oliver street to Townsend street	53	May 2d, 1888	6,595 04	510 85	4,080 37	3,025 52
Ninth or Barnum street, from Charles street avenue to Maryland avenue	101	May 25th, 1891	153 00	291 83	308 50	136 33
Townsend street, from Harford avenue to Caroline street	51	May 2d, 1888	40,266 67	780 68	3,449 74	37,597 61
Holmes or Tenth street, from Charles street avenue to Maryland avenue	99	May 25th, 1891	9,922 00	303 63	5,035 12	5,190 51
Henry street, from Randall street to Fort avenue	116	Oct. 16th, 1888	7,979 57	292 47	3,169 00	5,103 04

Brice alley, from Lafayette avenue to Lanvale street	115	June 8th, 1889	2,794 17	352 87	1,750 50	1,396 54
Eutaw street, at its intersection with Biddle street	95	May 20th, 1890	7,876 67	560 82	4,577 69	3,859 80
McCulloh street, from Biddle street to Eutaw street	133	June 26th, 1891	140,716 25	2,871 78	64,182 66	79,405 37
Whitelock street, from Linden avenue to North avenue	156	Oct. 22d, 1889	38,822 19	1,635 16	21,306 50	19,150 85
Eastern avenue, from Luzerne street to the eastern City limits	114	Oct. 16th, 1888	.....	726 05	.....	726 05
Bethel street, from Oliver street to Townsend street	41	April 28th, 1891	12,365 31	560 79	4,922 64	8,003 46
North avenue, from Belair avenue to Mine Bank lane	143	Oct. 10th, 1891	.....	231 98	.....	231 98
Totals			$385,580 29	$13,471 78	$176,276 45	$222,775 62

Streets, Alleys, &c., in Process of Opening.

NAME OF STREET.	No. of Ordinance.	Approved.
Clement street, from Lawrence street to Hull street	136	June 4, 1880.
Morton alley, from John street to Hoffman street	96	May 25, 1882.
An alley ten (10) feet wide, from the north side of McElderry street to an alley ten (10) feet wide, now open, between Eden street and Spring street	97	Oct. 20, 1883.
An alley ten (10) feet wide, from the north side of Orleans street to the south side of Jefferson street, between Central avenue and Eden street	97	Oct. 20, 1883.
An alley nine (9) feet nine (9) inches wide, from the north side of Monument street to an alley ten (10) feet wide, between Eden street and Spring street	97	Oct. 20, 1883.
An alley ten (10) feet wide, from the south side of Monument street to an alley ten (10) feet wide, now open, between Caroline street and Spring street	97	Oct. 20, 1883.
An alley ten (10) feet wide, from the north side of Madison street to the south side of Chew street, between Caroline street and Dallas street	97	Oct. 20, 1883.
An alley twelve feet wide, in the centre of Kirby's or Dorsey's lane, from Lanvale street to the Harlem Stage Company's property	33	April 3, 1884.
Patuxent street, from Monument street to Eastern avenue	47	April 29, 1884.
Clarkson alley, from Barney street to Moale street	112	May 29, 1884.
Race street, from Barney street to Moale street	113	May 29, 1884.
Henry street, from Clement street to Fifth lane	77	May 14, 1885.
Beason street, from Decatur street to the property of H. A. Ramsay & Co.	93	Oct. 17, 1885.
Kirby's or Dorsey's lane, from Franklin street to Edmondson avenue	130	Nov. 4, 1886.

South Paca street, from Stockholm street to West street	23	April 6, 1887.
Patapsco street, from Baltimore street to Monument street	81	May 17, 1887.
Port alley, from Aliceanna street to Lancaster street	86	May 18, 1887.
Bouldin alley, from Bloom street to Baker street	106	Oct. 11, 1887.
Elizabeth lane, from Randall street to Heath street	54	May 2, 1888.
Dallas street, from Oliver street to Hoffman street	115	Oct. 16, 1888.
Rope Walk lane, from Randall street to Heath street	36	April 26, 1889.
Towson street, from Fort avenue to Marriott street	70	May 23, 1889.
Patterson avenue, from Fulton avenue to Monroe street	98	June 8, 1889.
Florence street, from Fulton avenue to Retreat street	99	June 8, 1889.
Francis street, from Retreat street to Whitelock street	101	June 8, 1889.
Morris alley, from North avenue to Druid Hill Park	103	June 8, 1889.
Clement street, from Hanover street to Race street	114	June 8, 1889.
Randall street, from Covington street to Webster street	109	June 10, 1889.
Webster street, from Randall street to Fort avenue	109	June 10, 1889.
Bouldin alley, from Laurens street to Wilson street	110	June 10, 1889.
Stoddard alley, from Mosher street to McMechen street	148	Oct. 9, 1889.
An alley ten (10) feet wide, from McKim street to Hillman street	149	Oct. 9, 1889.
Baltimore street, from its present terminus to the western City limits	150	Oct. 15, 1889.
Federal street, from Patterson Park avenue to Cannon street	160	Oct. 28, 1889.
Nicholson street, from Decatur street to Cooksie street	161	Oct. 28, 1889.
Burke street, from Oliver street to Belair avenue	162	Oct. 28, 1889.
Chase street, from Washington street to Patterson Park avenue	106	May 31, 1890.
Collington avenue, from Monument street to Biddle street	107	May 31, 1890.
Madison street, from Washington street to Patterson Park avenue	111	June 2, 1890.
Stockholm street, from Washington avenue to Wicomico street	146	June 20, 1890.
Porter street, from Claggett street to Beason street	171	Oct. 27, 1890.

Streets, Alleys, &c., in Process of Opening.—Continued.

Name of Street.	No. of Ordinance.	Approved.
Covington street, from Cross street to Fifth lane	12	March 19, 1891.
Dallas street, from Oliver street to Lanvale street	50	May 1, 1891.
Ridgely street, from Ostend street to Gwynn's falls	77	May 8, 1891.
Lanvale street, from Patterson Park avenue to Cannon street	87	May 20, 1891.
Townsend street, from Belair avenue to Cannon street	88	May 20, 1891.
Port alley, from Baltimore street to Fairmount avenue	89	May 20, 1891.
Luzerne street, from Hudson street to Boston street	91	May 23, 1891.
All the property between East street and Chesnut street, from the north side of Fayette street to a point 147 feet northwardly from the north side of Douglas street	95	May 25, 1891.
Forrest street, from a point 157 feet 2 inches from the south side of Douglas street southwardly to Fayette street	97	May 25, 1891.
An alley ten (10) feet wide, from Second street to First street, between Calvert street and Hargrove alley	111	June 4, 1891.
Ducatel street, from Madison avenue to Bolton street	121	June 13, 1891.
Wolfe street, from North avenue to Lake avenue	123	June 16, 1891.
Myrtle avenue, from Fulton avenue to Pulaski street	129	June 23, 1891.
Payson street, from North avenue to Clifton avenue	130	June 23, 1891.
Pulaski street, from North avenue to Clifton avenue	131	June 23, 1891.
Ensor street, from Eager street to Chase street	44	April 4, 1892.

St. Paul street, from Lexington street to Dark lane	63	April 28, 1892.
Etting street, from Baker street to North avenue	71	May 4, 1892.
Ludlow street, from Claggett street to Fort avenue	72	May 4, 1892.
West street, from Paca street to Burgundy alley	94	May 11, 1892.
Burrow street, from Fort avenue to Claggett street	95	May 27, 1892.
Fulton avenue, from its southern terminus to Carroll Park	105	Oct. 17, 1892.
Gay street, from Exeter street to Jones' falls	106	Oct. 17, 1892.

Name of Street.	No. of Ordinance.	Approved.
Point lane, from Ensor street to North avenue	84	May 23, 1882.
Kirby's or Dorsey's lane from Lanvale street to the Harlem Stage Company's property	94	Oct. 20, 1883.
An alley, from Madison street to an alley ten (10) feet wide, between Eden street and Spring street	97	Oct. 20, 1883.
V alley, between Barre street and Welcome alley	91	Oct. 8, 1885.
Kirby's or Dorsey's lane, excepting twelve (12) feet in the centre thereof, from the south side of the Harlem Stage Company's property to the south side of Winchester street	104	July 3, 1886.
Kirby's or Dorsey's lane, excepting twelve (12) feet in the centre thereof, from Lanvale street to the Harlem Stage Company's property	116	Sept. 17, 1886.
Butcher's lane, from Calhoun street to North avenue	61	May 2, 1888.
Fourth lane, from Hanover street to Light street	22	March 29, 1889.
Brown's lane, from Eden street to Caroline street	111	June 10, 1889.
Sumwalt's lane, between Charles street and Maryland avenue	49	May 1, 1891.
Truxton street, from Forrest street to Concord street	111	Oct. 17, 1892.
Clifton place, from Truxton street to Eager street	111	Oct. 17, 1892.
Grove street, from Truxton street to Eager street	111	Oct. 17, 1892.
Half Moon alley, west of Chestnut street	96	May 25, 1891.
Comet street, from a ten-foot alley to a fence corner there situated	105	May 27, 1891.

Ordinance Repealed.	No. of Ordinance.	Approved.
Ordinance No. 99, approved October 7th, 1892, to open Fulton avenue, from its southern terminus to Carroll Park.....	104	Oct. 17, 1892.

We would respectfully make the following suggestion:

Section 7 of Article XLVII requires the Board in every case, "*before* the Commissioners shall proceed to assess the amount of damages and expenses to be assessed as directed by this ordinance," to *make sale* of the lots, parts of lots and improvements situated in the bed of the proposed street, after giving due notice by advertisement.

By making the sale of "lots, parts of lots, &c.," at the beginning of our work on a street, we practically sacrifice their value. Possible purchasers will not bid an adequate price for ground the possession of which may be deferred indefinitely, and which may be assessed benefits in the subsequent proceedings almost, if not fully, equal to the amount bid for it; nor will purchasers of "old materials" offer a fair price when they cannot be assured of the possession of their purchases in a definite time, and cannot foresee the condition of such "material" when it shall be delivered to them. They know they may have to wait months, perhaps years—if litigation interferes with the opening of the proposed street—before they can obtain what they have purchased, and that, in the meantime, the premises will be occupied by tenants at will, who may abuse and wreck them until they are not worth a fraction of what they would have brought if they could have been delivered in a reasonable time after the sale. Hence, speculators in "old materials," uncertain of the date of delivery, the condition of the material at the time of delivery, and the possible state of the market, purchase at ridiculous prices, and the Board is helpless under the law.

Another evil of the old system is: It inflicts a nuisance upon the neighborhood where a street is to be opened. As soon as the auction sale takes place, the owners or occupants of the houses condemned seek new habitations and rent out the old premises to tenants at will. Houses, hitherto attractive and cleanly, become tenements, and in a little while are dilapidated and dirty and inhabited by a class of people who are willing to rent from month to month and week to week. The purchaser of the "materials" sees his purchase wrecked before possession is acquired, and the neighborhood is afflicted with a temporary if not permanent depreciation.

A change in the law in the important particular suggested would produce the following salutary results:

1st. It would cause the sale of tracts, or parts of tracts condemned, to produce better prices than they do now, because the purchasers would bid with a definite knowledge of the amount of "benefits" to be assessed upon said tracts, and with the certainty of early possession.

2d. It would cause the sale of "materials" to produce larger returns to the City, since the property would be in better condition at the time of delivery, and the date of such delivery would be definite. In fact, the purchaser would know what he was buying and what he might expect to get. Indeed, we believe the increase in this direction would amount to thousands of dollars to the City annually, and reduce materially the expenses of this important department.

3d. The City would be saved from the substantial losses it frequently suffers by repeals of ordinances or changes through amended ordinances. The sales, having taken place at the outset of the Commission's work, the expenses thus incurred are lost to the City by every repeal, whereas such expense would be avoided if the sale was the last, instead of the first, proceeding under the law.

4th. It would prevent the nuisance which invariably ensues, after a sale, in the neighborhood intended to be benefitted by a new or wider street—the nuisance of tenement renters in nice neighborhoods—the evil effects of which may and sometimes do become permanent.

For these reasons the Board would respectfully recommend an amendment to the existing law requiring the sale of ground and materials, taken in the opening and widening of any street, lane, alley, or in proceedings for the construction, opening, enlargement or straightening of sewers, to be made after the other proceedings of the Board in the matter of condemnation and assessment have been completed, benefits collected and damages paid.

Respectfully submitted,

SAMUEL F. SHARRETTS,
LOUIS BECK,
JAMES R. BREWER,
Commissioners.

ROBERT F. GREEN,
Clerk.

ANNUAL REPORT

— OF THE —

GENERAL SUPERINTENDENT OF LAMPS

— AND —

Inspector and Sealer of Gas Meters,

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

OFFICE OF THE GENERAL SUPERINTENDENT OF LAMPS AND INSPECTOR AND SEALER OF GAS METERS.

CITY HALL.

BALTIMORE, December 31st, 1892.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN:

I have the honor of presenting the fourteenth annual report of this Department, showing receipts, disbursements and the general affairs relating to the lighting of the streets of the City of Baltimore for the year ending December 31st, 1892.

There are now in use in the City proper 4,824 gas lamps. Many more are needed, but the appropriations were not large enough to authorize their erection.

The City has no contract for its supply of gas, but pays $1.25 per 1,000 cubic feet, the same rate as that paid by the private consumer.

There are in the City proper 1,026 electric arc lamps and 48 incandescent lamps. These lights are furnished

on contract by the Brush Electric Company ; this contract runs for five (5) years from June 1st, 1890, with the privilege to the City to annul it at the expiration of any two years should it be deemed desirable. The contract price is 35 cents a night for each arc lamp.

For some time the service of the electric lights has not been satisfactory. Complaints were made to the Brush Electric Company, and their president says that all the trouble is and has been owing to the fact that they are changing their boilers and engines to very much larger ones, and that as soon as these changes are completed all service will be satisfactory, and that though they made their arrangements and contracts to have this work done and in running order some months since, they have been delayed by those who promised to do the work. So it is to be presumed that in a very short time from now the electric arc lamps will be all they should be.

The number of gasoline lamps in the City proper is 507. These lamps are erected in sections of the City not supplied with gas mains. They are filled and kept supplied with fluid by contract with Mr. C. H. Nicolai, at a cost to the City of $9.90 per annum for each lamp. This contract will expire June 30th, 1893.

There are now in use in the Annex 551 gas, 543 gasoline and 4 electric lamps, though six more electric arc lamps have been ordered in position, as per resolution of the Mayor and City Council, but they have not yet been erected.

The electric and gas lamps are in service in the Annex on the same terms as those in the City proper, but the gasoline lamps cost $9.95 per lamp per annum, they being filled and kept filled with fluid by contract with Mr. C. H. Nicolai, which contract expires June 30th proximo.

In the Annex district many more lamps are needed, but the appropriation was so small and the number of lamplighters so few, that only where it was considered absolutely necessary were extra lamps erected.

At present there are six superintendents of lamplighters for the twenty-two wards of the City, five for the City proper and one for the Annex.

These superintendents are supposed to keep a general supervision of the actions of the lamplighters and to see that the lamps in their several districts are lighted and extinguished at the proper hours and kept in proper condition and repair, but, owing to the extended territory over which they one and all have to move, they cannot give proper attention to the whole of their districts in any one night, and as a natural result many sections of the City are not properly supervised and very many derelictions of lamplighters never get to the knowledge of the General Superintendent.

The force at the command of the General Superintendent is inadequate to the work necessarily required. The duty of properly lighting a great city like Balti-

more is one that requires constant and careful attention, and one can clearly see that a force capable of doing the comparatively light work of some years ago, when the City was much smaller, is unable to cope with the necessary duties required of it when the territory has been doubled.

The General Superintendent should be better informed of what is going on and what is being neglected; but with an inadequate force under him and so much clerical office work to do, it is impossible for him to see that the rules of the Department are carried out, and to exercise the general supervision so much needed for the proper working of a department charged with the important duty of lighting the streets of the City of Baltimore.

All the lamps, both gas and gasoline, are now in vastly better condition than they have been for a number of years, but still much must be done to get them all in good order.

With a few exceptions the lamplighters seem to be trying to do their work properly, and some few seem to take pride in it, others (only a few now, I am glad to say,) require constant watching, and doubtless will soon make it necessary for the Department to ask the appointment of others to take their places.

The inspection and sealing of meters requires the constant attention of either the General Superintendent or his one clerk from 9 A. M. until 3 P. M.

As every gas meter used in the City (both public and private) has to pass through this office to be inspected and sealed, it will readily be seen that this is a most important work, and it can also be as easily seen, that the addition of the Twenty-first and Twenty-second Wards to the City has added a great deal of work to that heretofore done as Inspector and Sealer of Meters.

The fees for testing meters, which are paid to this Department and are then immediately turned over to the City Comptroller, amount to over $2,000 a year.

Why should the duties of General Superintendent of Lamps be hampered with this work, which has nothing to do with lamps, and as has been shown turns in to the Comptroller more than would pay the salary of an Inspector and Sealer of Meters?

I earnestly request that you appoint a committee to enquire into the matters and affairs of this Department, feeling sure that on receipt of their report some relief will be given and more satisfactory work secured.

I am, sirs, very respectfully yours,

W. STUART SYMINGTON,

General Superintendent of Lamps, &c.

TABLES.

TABLE A

Exhibits the number and size of Meters inspected, also those rejected as incorrect.

	Size and Number of Meters Inspected and Sealed.											
Size of Meters.....	2	3	5	10	20	30	45	60	80	100	150	200
Number of Meters.....	51	521	7,106	491	156	28	24	18	2	16	2	1

	Size and Number of Meters Rejected as Incorrect.						
Size of Meters.....	2	3	5	10	20	45	100
Number of Meters.....	2	18	108	22	9	3	2

In addition to the above there were 23 street lamps, market and engine house meters taken out and inspected, 12 of which were incorrect.

TABLE B

Shows the amount received by the Department and paid to the Register on warrants from the Comptroller.

Inspecting gas meters	$2,114 25
Repairs of lamps	378 02
	$2,492 27

TABLE C

Exhibits the amount of appropriation and amount expended, with balance unexpended for the electric light account.

Appropriation for electric lights	$127,000 00
Amount expended	123,903 85
Balance	$3,096 15

TABLE D

Exhibits the amount of appropriation and amount expended, with balance unexpended for gas account.

Appropriation for gas	$133,500 03
Amount expended	132,571 58
Balance	$928 45

TABLE E

Exhibits the amount of appropriation and amount expended, with balance unexpended for gasoline account.

Appropriation for gasoline	$8,025 00
Amount expended	7,249 67
Balance	$775 33

TABLE F

Exhibits the amount of appropriation and amount expended, with balance unexpended for electric light account, Annex.

Appropriation for electric lights	$1,184 40
Amount expended	470 50
Balance	$713 90

TABLE G

Exhibits the amount of appropriation and amount expended, with deficiency for gas account, Annex.

Appropriation for gas	$13,709 75
Amount expended	13,472 09
Balance	$237 66
Deficiency (Consolidated Gas Company)	$2,348 88

TABLE H

Exhibits the amount of appropriation and amount expended for gasoline account, Annex.

Appropriation for gasoline	$5,420 90
Amount expended	5,420 90

TABLE I

Shows the amount required for the year ending December 31st, 1893 City Proper.

Electric light includes the cost of the electric lamps on streets, in squares, markets, bridges, and clock at No. 6 Engine House	$143,283 50
Gas includes the gas for street lamps, squares, markets, bridges, Washington monument, erecting and removal of lamps, straightening posts, removal of services, new globes, lanterns, burners, stops, &c., and all necessary repairs for keeping the lamps in good condition, as well as additions and alterations to pipe and fixtures in public buildings	$148,598 75
Gasoline includes gasoline for the gasoline lamps, new posts, lanterns, burners, valves, lamp-wick, and all necessary repairs for keeping the lamps in good condition	$ 6,955 00

TABLE J

Exhibits the amount required for the year ending December 31st, 1893, City Annex.

Electric light includes the cost of the electric lamps on the streets and highways in the Annex	$	1,277 50
Gas includes the gas for street lamps, erecting and removal of lamps, renewal of services, straightening posts, new lanterns, globes, burners, stops, glass, and all needed repairs to put and keep the lamps in proper condition	$	17,536 00
Gasoline includes the gasoline required for the gasoline lamps, new posts, lanterns, burners, valves, lamp-wick, glass, &c., and all needed repairs to the fluid-burning lamps	$	7,118 00

Deficiency.

Gas account, the Consolidated Gas Company's bill	$	2,348 88

ANNUAL REPORT

— OF THE —

INSPECTOR OF BUILDINGS

— TO THE —

Mayor and City Council of Baltimore,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

OFFICE OF INSPECTOR OF BUILDINGS,
CITY HALL.

BALTIMORE, December 31st, 1892.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN :

I have the honor to submit the following report of the operations of this Department, for the year ending December 31st, 1892.

NEW SCHOOL HOUSES.

Since my last report three new school houses, which were commenced last year, have been completed and handed over to the School Commissioners ; these are : No. 19 Grammar and Primary School, Park avenue and Hoffman street, the largest public school house in the City, containing 24 class rooms and all other con-

veniences ; it has a frontage on Park avenue of 100 feet, and on Hoffman street 148 feet. The basement is built of stone and the two upper stories of brick, with granite trimmings. All the rooms are well lighted, the wide corridors, four broad stairways and six entrances afford abundant means of exit. The Smead system furnishes heat, ventilation and closet accommodation. Primary School No. 25, South Bond street, contains 16 well lighted class rooms, with separate cloak rooms to each, two teachers' rooms and a large book room. The halls are spacious, and are amply provided with exits and stairways. Smead's heating, ventilating and closet system was adopted for this building, and Grammar School No. 11, Millington avenue and Lehman street, which is a brick building with granite trimmings, has a frontage on Millington avenue, 63 feet 9 inches, and a depth over all of 119 feet 3 inches, and contains 12 class rooms and the usual conveniences for teachers and scholars, wide stairways and corridors, ample exits and Smead heating, ventilating and closet system.

All the above are good, substantially built and convenient houses, and are a credible addition to our rapidly increasing list of public schools.

English-German School No. 1, *Pennsylvania Avenue and Dolphin Street.*

As directed by Ordinance No. 120 and Resolution No. 51, plans, &c., were prepared for this house, and the contract awarded to Mr. J. J. Willis. The building is now completed, with the exception of a few trivial matters; it has a frontage on Pennsylvania avenue, 138 feet, and on Dolphin street, 56 feet 4 inches, and contains 16 well lighted class rooms, with cloak rooms to each, broad corridors and stairways, and four wide entrances, reception and teachers' rooms. The heating, ventilating and sanitary arrangements have been provided for by the Smead system. The house is large and commodious, substantially built, and is of neat and attractive appearance.

A supplementary Resolution No. 207, enjoined the construction and fitting up with shelves of two book rooms to the above house; this has been done by forming two rooms in the roof, and a stairway furnishes an easy approach to same.

Grammar School No. 18, *Harlem Avenue and Monroe Street.*

This house contains 16 class rooms, with separate cloak rooms to each, reception and teachers' rooms;

it has wide corridors and is well provided with exits and stairways; all the rooms are well lighted, and are heated and ventilated by the Smead system, which also supplies the necessary closet accommodations. The house has a frontage on Harlem avenue of 143 feet 6 inches and a depth over all of 66 feet 4 inches; it is well and strongly built, presents a solid and imposing appearance and is commodious in all its arrangements.

Ordinance No. 104 and Resolutions 71 and 131 enjoined the erection of this building, and the contract was awarded to Mr. J. B. Yeatman, and the building was completed and accepted December 22d, 1892.

Colored School No. 3, Hill Street.

As enjoined by Ordinance No. 8 and Resolution No. 122, this school house is now being erected by Mr. J. J. Willis, the successful competitor for the contract. The building is under roof and well advanced towards completion; it is three stories high in front and two in the rear, is substantially constructed, and when completed will present a handsome appearance. The house contains 20 class rooms, with all necessary accommodations for teachers and scholars. Three broad stairways, wide corridors and five entrances provide safe means of exit. The building will be well lighted and ventilated,

and the sanitary arrangements have received special attention. The internal arrangements of the house were well studied and all needful conveniences provided. It has a frontage on Hill street of 76 feet 9 inches and a depth of 134 feet 7 inches.

Annex School No. 10, *Carroll.*

Plans for this building were made as directed by Ordinance No. 35. The contract was obtained by Mr. John Hughes, Jr., and the building was completed and accepted October 28th, 1892. The house is one story and basement and contains 6 class rooms, a large assembling hall, and ample conveniences for teachers and scholars. Smead's system furnishes heat, ventilation and closet accommodations. The building was constructed so that an additional story can be safely added at a future time. It is a good, substantial building of plain, neat appearance, and being located in the centre of the large lot, is surrounded on all sides by spacious play grounds.

Annex School No. 8, *Francis Street, near Clifton Street.*

This building, now in course of construction, is partly under roof, and in all probability will be ready for occupancy in the early spring. The house has a front-

age of 64 feet 6 inches and a depth of 131 feet 6 inches; it will contain 14 class rooms with cloak room for each, teachers' and book rooms and other conveniences. The means of exit are safely provided for by wide corridors and entrances. The three stairways are slate and fire-proof, two flights occupying the space of one, but affording the full facilities of two, are a novelty in construction and worthy an inspection. Smead's heating, ventilating and closet system has been adopted. The building, when completed, will be an attractive and substantially built house, will be well lighted and the interior arrangements compact and commodious. Ordinance No. 42 enjoined the erection of this building, and the contract was awarded to Mr. Jas. B. Yeatman, the lowest responsible bidder.

Additions to Grammar School No. 20, *Eden and Federal Streets.*

Resolution No. 106 directed an addition to be made to this school house. This was accomplished during the vacation, and consists of 8 additional class rooms, with cloak room and other accommodations, and a new stairway. Smead's system of heating and ventilation was extended to this addition. Mr. Charles Ogle was the contractor. This school house now contains 24 class rooms.

Additional Story to English-German School No. 1, Druid Hill Avenue.

Plans and specifications were prepared as directed by Ordinance No. 120 for this addition; they provided for a story as plain and cheap as safety and stability justified, but the estimates for the work were much higher than the amount appropriated ($5,000). I would respectfully suggest that an additional sum of three thousand dollars be added to the amount already appropriated, which would enable us to proceed with the work during next vacation.

MORE LIBERAL APPROPRIATIONS AND LARGER BUILDINGS.

In reference to the erection of our school buildings, I beg respectfully to suggest to your Honorable Bodies the advisability of granting more liberal appropriations for this purpose, so that larger school houses can be built, and thus to some extent meet the constantly increasing requirements of the neighborhood in which the school is to be built. During the last six years, appropriations have been made for extensions to no less than ten school houses. The cost of these additions is proportionately much higher than the cost of the new building, and the arrangements cannot be as convenient and satisfactory as if planned at first for one building.

All the school houses we build are modest, unpretending structures, the external embellishments being few and simple, the objects always kept in view by this Department being to afford accommodation to as many children as the appropriation will admit, to furnish a good supply of fresh pure air, kept at an even temperature, plenty of sunlight, safe means of exit, and everything that will contribute to the health and comfort of the future occupants of the building.

REPAIRS, &c., TO PUBLIC SCHOOLS.

As directed by Resolution No. 144, the school yards of Grammar School No. 21, Gilmor and Presstman streets, were regraded, and a cement pavement laid. Stone retaining walls surmounted by wrought iron fence railing were erected on Presstman and Windsor streets, and new granite steps furnished and set for the entrances. This improvement is well worth the outlay.

Resolution No. 191 directed improvements to be made at Primary Schools Nos. 17, 28 and 33; these have received attention, and consist of new glazed partitions, storm doors, windows, gas piping, &c.

Resolutions Nos. 19 and 196 provides for glazed partitions to be erected in Nos. 10 Grammar and 21 Primary Schools, respectively; this work has been exe-

cuted, and increased the accommodation of the schools by providing additional class rooms.

The amount appropriated for storm doors and partitions has been expenned as follows: Storm doors were furnished to Primary Schools Nos. 20 and 33; glazed partitions were erected in Primary Schools Nos. 2 and 22, and in English-German Schools Nos. 2 and 4.

Nineteen school houses have been painted, one or two coats as necessary, and the roofs of 27 schools were painted. A large amount of glass was renewed, fences repaired and new ones erected, and all ordinary repairs incident to the wear and tear of school houses received prompt attention.

In this connection, I feel compelled to call the attention of your Honorable Bodies to the willful breaking of window glass and other depredations committed in and around our school buildings. These acts are not wholly confined to boys outside the schools, but I am sorry to say are participated in by the pupils themselves. The broken glass alone amounts to thousands of dollars a year. I suggest that the teachers be requested to caution the children on this subject, and to instill into their minds that it is their duty to protect and not to destroy the school property.

AUXILIARY FIRE-ALARM BOXES.

These boxes have been introduced into the school houses as an experiment, and have proved very satisfactory ; it is a safeguard now adopted in all schools in the larger cities.

ENGINE HOUSES.

Engine House No. 18, *Twenty-Second Street.*

Ordinance No. 27 and Resolution No. 176 enjoins the erection of this building. The house has a frontage of 36 feet and a depth of 87 feet over all ; it has two large arched entrances at front, a hose tower over 50 feet high, cement pavements on the first story, stalls for eight horses, and all the most approved appliances and facilities. The second story contains a large bed-room, bath-rooms and closets, linen, store and hay loft. In the arrangements of this house, the Fire Department was consulted and their requirements adopted. The house is substantially built and well arranged. Mr. James B. Yeatman was the contractor, and the building was completed and accepted December 22d, 1892.

Engine House No. 15, *West Lombard Street.*

As directed by Resolution No. 195, the clay floor in the box stalls were removed and repaved with cement, new gutters were laid and water introduced into same.

At No. 2 Hook and Ladder, the stalls and front were rearranged, and new roof and floor were laid to No. 2 Engine House, and drains were relaid at No. 4 Hook and Ladder.

At all other engine and truck houses, the necessary repairs received attention. Engine Houses Nos. 1, 13, 3, 2, 4 and 16, and Truck House No. 2, were painted, and 5 houses newly papered. We are indebted to the Board of Fire Commissioners for valuable aid and assistance rendered by Chief Hennick and his staff in keeping the houses in repair.

MARKET HOUSES.

Belair Market.

The portion of this market not previously paved with cement received a granolithic pavement. This kind of pavement is undoubtedly the best suited for our markets that has yet been tried. I would recommend that one or two markets be repaved each year until all are completed.

Lexington Market.

A portion of this market was also repaved with granolithic cement.

Cross Street Market.

This market house and hall were painted as directed by Resolution No. 52, to the gratification of all doing business there. New flush closets were put in this market hall and the Hollins Market Hall.

Lafayette Market.

This market was also repainted, in accordance with Resolution No. 34, considerably improving its appearance.

A new tin roof was put on the Centre Fish Market.

All the markets were kept in repair and whitewashed where necessary.

CITY HALL.

It will be necessary, during the coming year, to repaint the exterior wood and iron work of this building. I would also recommend that the interior work be regrained and varnished. An approximate estimate for this work will be found in Table C.

COURT HOUSES.

As provided for in Resolution No. 38, the Sheriff's Office was newly carpeted, the furniture repaired, walls

painted and other repairs done as directed by Sheriff Sanner.

The Clerk's Office, Criminal Court, was altered and rearranged, under the supervision of the Clerk of the Court, Hiram G. Dudley, Esq., and to his entire satisfaction. Resolution No. 62 made provisions for this work.

All other needed repairs to the various court houses were executed.

FIFTH REGIMENT ARMORY.

Drawings have been made for an extension to this armory, and the work will be commenced as soon as the contract is awarded. Resolution No. 194 directed this addition to be erected.

ARMORY FOR THE WOODBERRY GUARDS.

An addition was erected to this armory, which is located on the Falls road, and was furnished for the use of this company, under the supervision of Capt. L. F. Haber. This work was authorized by Resolution No. 204.

BUILDING LAW.

The new building law went into effect on the first day of this year. It has so far proved satisfactory;

weak points have developed, which need revision, but this has invariably been the case in all cities where a code of building laws exist.

CITY JAIL.

Materials were furnished and repairs made to the jail buildings, as directed by Warden Daniel Constantine.

CEILINGS OF SCHOOL HOUSES.

The amount appropriated for this work was expended in replacing dangerous plaster ceilings with wood or iron in about 75 class rooms.

MORGUE.

This building was repainted during the year.

DOG POUND.

All the necessary repairs to these buildings have received prompt attention.

CESSPOOLS.

The cesspools to all engine and school houses were kept clean during the year.

CITY PROPERTY, ANNEX.

A stone retaining wall and fence were erected at No. 10 School and new hydrants furnished, as were also at

No. 1 School House; No. 9 School also had a new fence erected.

No. 1 Engine House, Brunswick street, had new front doors, the roof repaired and the front repainted.

No. 5 Engine House, Gorsuch avenue, was repaired and painted, and water introduced. All other school and engine houses were kept in good repair, and several of them were painted.

FIRE ESCAPES, DANGEROUS WALLS, &c.

During the past year all new buildings and those in course of reconstruction have been under the supervision of this Department. Notices have been issued for the erection of 68 fire escapes in factories and warehouses where, in my judgment, they were needed. One hundred and sixty-one dangerous walls were examined and condemned or ordered to be restored, and 376 notices for repairs to spouts, cornices, chimneys, &c., issued.

In submitting the following tables, it gives me pleasure to report a steady increase in the revenues of this Department, as shown in Table B.

The tables will show as follows:

A. The amount of appropriations and disbursements of this Department during the year 1892.

B. The revenues of this office for the same period.

C. The estimates of the amounts required for this Department for the year 1893.

To which I beg respectfully to call your attention.

J. THEODORE OSTER,

Inspector of Buildings.

TABLE A.

Showing the amount appropriated and disbursed for the year 1892.

	Appropria'd	Expended.	Balances.
Repairs of public schools	$13,000 00	13,000 00	
Repairs of City property	20,000 00	20,000 00	
Emptying cesspools	1,200 00	779 75	420 25
City property, Annex	5,000 00	4,994 16	5 84
Salaries	5,500 00	5,500 00	
Incidentals	100 00	100 00	
Livery	600 00	600 00	
Sanitary and other improvem'ts.	8,000 00	8,000 00	
Extra out-door help	3,000 00	3,000 00	
Wood and iron ceilings in school houses	4,000 00	4,000 00	
Painting schools	4,000 00	4,000 00	
Building Grammar and Primary School No. 19, bal. from 1891	21,065 00	21,057 76	7 24
Purchase of lot and building Annex School No. 11, balance from 1891	11,720 92	11,706 06	14 86
Building No. 25 School, balance from 1891	11,362 49	11,362 49	
Building No. 3 Colored School	27,000 00	17,557 68	9,442 32
Partition in No. 10 School	250 00	250 00	
Building No. 10 Annex School	15,000 00	15,000 00	
Building Eng.-Ger. School No. 1	26,000 00	23,933 77	2,066 23
Painting Lafayette Market	1,000 00	1,000 00	
Repairing and refurnishing the Sheriff's Office	300 00	300 00	
Painting Cross Street Market	1,500 00	1,500 00	
Building No. 18 Grammar School	30,500 00	30,500 00	
Repairs of Clerk's Office of the Criminal Court	400 00	400 00	
Building No. 18 Engine House	9,800 00	9,798 87	1 13
Building Annex School No. 8	12,500 00	10,922 75	1,577 25
Repaving Belair Market	1,350 00	1,214 39	135 61
Partitions and storm doors in school houses	550 00	536 83	13 17
Building Grammar School No. —	21,000 00		21,000 00
Addition to No. 20 Gram. School	9,000 00	8,999 68	32
Grading and paving yard No. 21 School	3,000 00	3,000 00	
Amounts carried forward	$267,698 41	$233,014 19	$34,684 22

TABLE A—Concluded.

	Appropria'd	Expended.	Balances.
Amounts brought forward....	$267,698 41	$233,014 19	$34,684 22
Additional story on English-German School No. 1	5,000 00	13 34	4,986 66
Fitting up a room in English-German School No. 1.....	350 00	.....	350 00
Repairing and furnishing Armory of the Woodberry Guards	500 00	500 00	.....
Partition in No. 21 Prim. School.	150 00	150 00	.....
Repairing No. 15 Engine House.	350 00	350 00	.....
Extension to the 5th Regiment Armory.....	4,500 00	.....	4,500 00
Improvem'ts at Grammar School No. 10, Primary Schools Nos. 17, 28 and 33.....	550 00	550 00	.....
Totals.....	$279,098 41	$234,577 53	$44,520 88

TABLE B.

Showing the Revenues of this Office for the year 1892.

Permits issued as follows :		
For bay windows on front and side	$1,951 00	
For frame sheds and bay windows in rear	3,828 22	
For frame bath-rooms	1,285 00	
Amount received for old material	17 50	
Amount received for tapping sewers	40 00	
For arrears	966 83	
		$8,088 55
Amount received for advertising permits	897 00	
Paid for same	477 74	
		419 26
Net revenue		$8,507 81

TABLE C.

Showing the Amount Required for this Department for the year 1893.

For the repairs of City property:		
For engine houses	$13,000 00	
For City Jail	3,000 00	
For City Hall	4,000 00	
For market houses	5,000 00	
For Court houses	4,000 00	
For dog pound and other property	1,000 00	
		$30,000 00
For repairs of public schools		14,000 00
For painting and graining City Hall		9,000 00
For sanitary and other improvements		4,000 00
For painting school houses		6,000 00
For erecting new partitions and storm doors in school houses		1,000 00
For emptying cesspools		1,000 00
For substituting wood or iron for plastered ceilings		4,000 00
Amount carried forward		$69,000 00

TABLE C—Continued.

Amount brought forward...	$69,000 00
For incidentals.....	100 00
For livery of two horses and repair to wagons.....	600 00
For salaries.....	5,500 00
For extra help.....	3,720 00
For rentals of auxiliary fire-alarm boxes in school houses	4,200 00
For due the Water Department and repair to water pipes...	250 00
For winding clocks at engine houses	200 00
For repairing and painting buildings at quarantine hospital.....	2,400 00
For grading, paving and fencing yard of No. 19 Grammar and No. 1 English-German Schools.....	2,600 00
For the completion of No. 3 Colored School.....	10,100 00
For the completion of No. 1 English-German School.....	3,000 00
Amount carried forward.....	$101,670 00

TABLE C—Concluded.

Amount brought forward...	$101,670 00
For the completion of additional story English-German School No. 1.....	8,000 00
For the completion of Annex School No. 8.....	14,077 25
For the Smead system, Annex School No. 8.....	3,344 00
For the extension 5th Regiment Armory.....	4,500 00
For the fitting up a room in English-German School No. 1.....	350 00
For the repairs City property, Annex.....	8,000 00
For extra help, Annex.....	1,240 00
For livery for one horse and repair to wagon.....	300 00
	$141,481 25

ANNUAL REPORT

—OF THE—

CITY COMMISSIONER

—TO THE—

Mayor and City Council of Baltimore,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

BALTIMORE, December 31st, 1892.

To the Honorable the Mayor
and City Council.

GENTLEMEN:

I herewith submit the Annual Report of this Department, with accompanying sub-reports and tables, for the year ending December 31st, 1892.

REPAIRS OF PAVED STREETS.

This work was commenced April 23d and continued with the full force until November 21st, at which time twelve gangs were relieved, the remaining two were continued until December 24th. There were fourteen regular gangs employed during the time, one of which was a small or floating gang employed on streets requiring but small repairs. In addition to the above, there was a gang of Belgian block pavers, a gang to repair sheet asphalt paving, and a gang under contract with the Maryland Pavement Company to repair asphalt block pavements. The last two were continued on this work for a short time until all the repairs on this class of paving which was deemed necessary to be done was completed.

The usual flagstone gang, when not employed in setting and resetting flagstones, was employed in street repairs.

I deem it not out of place to call attention to some facts and difficulties not heretofore met with in the prosecution of the work of the Department during the present year. In the first place, by the combination of skilled workmen under the title of Organized Labor, and the late Act of Assembly.

In the first place, both the Belgian block and cobblestone pavers at the beginning of the season exacted higher wages, and at the same time availed themselves of the nine hour law, which as a matter of course they had a right to do.

It may be asked why should they have been granted more pay for fewer hours' work? The main answer to this is, because they know that without their services all work in the City must stop.

The vast amount of street railway work in Baltimore and other cities, as well as a general movement for the betterment of streets with Belgian block pavements in this and other cities, had created a demand exceeding the supply of this class of skilled labor. In consequence of this, it has taxed both contractors and municipalities to the utmost to obtain a fair supply of this class of workmen. Indeed much work has been delayed both here and elsewhere from the above cause, and I regret that I am compelled to say with some

exceptions that this class of men now to be obtained are by no means the most reliable workmen. Those of the pavers belonging to our City are not only good workmen but generally can be relied upon, but their numbers are so few as to render them totally unable to cope with the amount of work already estimated for, to get through with it with anything like the dispatch desirable. I would therefore respectfully call your attention to the great number of streets now recommended to be paved with the various improved pavements in vogue, and the almost certainty that expectations as to their being done at once will ensue.

I venture to ask, would it not be better under the existing uncertainty of obtaining a sufficient supply of skilled labor as is necessary to execute this work to close up the unfinished work we have, namely, Pennsylvania avenue, Hanover street, Lexington street, East Baltimore street where widened, than to pass ordinances for the improvement of other streets before those on hand are finished?

But if it should be thought advisable to pass any more ordinances, before we closed as suggested above, I most urgently recommend that the repairing where needed of Pratt street from the bridge to Paca street, Light street from Lombard street to Montgomery, Baltimore street east of the bridge where needed, also this street from west of the bridge where necessary, to be repaired or repaved, take precedence over all others, they being in the business centre of the City

and subjected to the heaviest traffic, and are in bad condition generally; particularly is this the case with Pratt and Light streets. The old blocks taken from these streets would be valuable to repave some of the worn-out cobble-stone pavements. If found to be unfit in their present shape, they could be utilized by breaking them in half and paving with them endwise either upon a cushion of clear, sharp sand, or if desired, on a concrete foundation with a light cushion of sand, and the joints filled with pitch or coal oil products. This latter mode would in my judgment make a very smooth and substantial street, and would cost less than the renewal of old cobble-stone streets with new Belgian block put down on sand, as is the prevailing custom in our City.

The approximate cost of paving with broken Belgian blocks or concrete foundations as described above, would be about $1.80 per square yard, or possibly somewhat less.

It became necessary to provide storage room for the cobble-stones, kerbing and circles, and flagging taken up from streets being repaved with Belgian blocks. A lot of ground was rented at the corner of East and Low streets, at the rent of $15 per month. This lot is inclosed by a substantial fence, and much valuable property is stored there. We have the use of a lot at the corner of Carey street and Columbia avenue for which we pay no rent. We also use another lot at the corner of Winchester street and Stockton alley at a rent of $20.00 per month.

REPAIRS OF OLD SEWERS AND INLETS.

In consequence of the limited amount appropriated for this work, only the most needed repairs could be done. A careful and constant supervision is therefore required, so as to see at what point the most needed repairs should be done to protect the work and prevent accidents.

Repairs to a considerable extent were done on the following named old sewers: Central avenue or Harford run, Lovegrove alley, McMechen street, Chatsworth run and Schroeder's run sewer.

The location of the repairs done to the various old sewers and inlets is shown in the following table:

Inlet Watson street and Central avenue.
Inlets Central avenue and May street.
Inlet South Carey street at railroad bridge.
Inlet Orleans street and Central avenue.
Inlet Calhoun street and Lafayette avenue.
Inlet Chase and Ensor streets.
Inlet Canton avenue and East Falls avenue.
Inlet Broadway and Lancaster street.
Inlets northeast and northwest corners Ann and Gough streets.
Sewer Schroeder's run, Arlington avenue, between Lexington and Saratoga streets.
Inlet Orchard street and Pennsylvania avenue.
Sewer Schroeder's run, Mulberry street, between Arlington and Carrollton avenues.

Sewer Arch street, between Raborg and Fayette streets.

Sewer Hamburg street, near Ridgely street.

Sewer Madison and Buren streets.

Sewer Lancaster and Patapsco streets.

Inlet McClure's dock.

Inlet Fulton avenue, between Pennsylvania and North avenues.

Sewer McMechen street and Jordan alley.

Sewer Bentalou and McHenry streets.

Inlet Greenmount avenue, between Townsend street and North avenue.

Sewer Pratt, between Charles and Hanover streets.

Inlet Albemarle street and Eastern avenue.

Sewer Pratt and Mill streets.

Inlet Boston and Gwynn's streets.

Sewer Baltimore and Arch streets.

Inlet Central avenue and Philpot street.

Sewer Franklin and Calhoun streets.

Sewer Arch, near Fayette street.

Sewer Greenwillow street and Shields' alley.

Sewer Myrtle avenue and Chestnut alley.

Inlet Welcome alley, near Light street.

Inlet Lee street, near Light street.

Sewer Light street, between Lombard and Pratt streets.

Sewer Hoffman street, between Pennsylvania avenue and Shields' alley.

Sewer Schroeder's run, Pratt street and Arlington avenue.

Sewer Lovegrove alley, between Lanvale and Townsend streets.
Manhole Madison and Spring streets.
Inlet Ann and Biddle streets.
Inlet 2220 Boston street.
Inlets Harrison and Gay streets.
Inlet Howard and Cross streets.
Inlet Dallas and Chew streets.
Inlet Arch and Raborg streets.
Inlet Pratt street and Long dock.
Inlet Central avenue and Fawn street.
Inlet Central avenue and Lexington street.
Inlet Light and Balderston streets.
Inlet Gay street and Central avenue.
Inlet Ann and Lombard streets.
Inlet Central avenue and Baltimore street.
Inlet Eager street and Homewood avenue.
Inlet Central avenue and Hammond alley.
Inlets northwest and southwest corners Townsend and Chester streets.
Inlet Ann and Baltimore streets.
Inlet Pennsylvania avenue and Hoffman street.
Inlet Race and West streets.
Manhole Park avenue and Liberty street.
Inlet Fremont and Portland streets.
Inlet Burke and Monument streets.
Inlet Central avenue and High alley.
Inlet Gough and Regester streets.
Sewer Hammond alley, near Exeter street.
Inlet Lancaster and Patapsco streets.
Inlet Hollins and Schroeder streets.

Inlet Lexington street and Arlington avenue.
Inlet Pine street and Penn alley.
Sewer 208 Light street.
Sewer Pratt street, near Penn street.
Sewer Cross and Race streets.
Inlet Cider alley, near Penn street.
Sewer Schroeder and Baltimore streets.
Sewer Druid Hill avenue and Laurens street.
Inlet Pennsylvania avenue and George street.
Inlet Maryland avenue and Oliver street.

Sewer Calhoun street, between Edmondson avenue and Harlem avenue.

Inlet Schroeder and Raborg streets.
Sewer Franklin street, near Calhoun street.
Sewer Druid Hill avenue.
Inlet Pleasant and Holliday streets.

Sewer Arch street, between Lexington and Fayette streets.

Inlet Central avenue and Gough street.
Inlet Pratt street and Cheapside.
Manhole York road, near North avenue.
Manhole Jefferson street and Central avenue.
Manhole 638 North Eden street.
Manhole Lafayette avenue and Carter alley.
Manhole Barnes street and Hopkins Place.
Manhole Mullikin street and Central avenue.
Manhole Cross and Hanover streets.

FLAGSTONES—SPECIAL APPROPRIATIONS.

Resolution No. 39.

Head of Centre Market or Long dock.
Head of Frederick street dock.
Head of Gay street dock.

Appropriation	$875 00
Amount expended	685 89
	$189 11

Resolution No. 76.

Across Aisquith street, south side of Lanvale.

Appropriation	$70 00
Amount expended	43 41
Balance	$26 59

FLAGSTONES—GENERAL APPROPRIATIONS.

Work begun April 25th, 1892, completed December 10th, 1892.

Across Ann street, south side of Baltimore street.
" Appleton street, north side of Edmondson avenue.
" Ashland avenue, north side of Wolfe street.
" Arlington avenue, south side of Harmony lane.
" Aliceanna street, west side of Wolfe street.
" Biddle street, east side of Caroline street.

Across Biddle street, west side of Caroline street.
" Biddle street, east side of Morris alley.
" Bruce street, south side of Lanvale street.
" Brunt street, north side of Wilson street.
" Brunt street, north side of Laurens street.
" Brunt street, south side of Laurens street.
" Broadway, south side of Institute.
" Broadway, south side of Thames street.
" Baltimore street, opposite Monumental Furniture Company.
" Barre street, west side of Charles street.
" Boston street, east side of Wagon avenue.
" Calvert street, opposite No. 221 North street.
" Covington street, south side of Wehage street.
" Canton street, south side of Dillon street.
" Chase street, west side of McDonogh street.
" Central avenue, south side of Gay street.
" Collington avenue, south side of Orleans street.
" Collington avenue, north side of Orleans street.
" Collington avenue, at Gay street.
" Collington avenue, north side of Fairmount avenue.
" Collington avenue, north side of Fayette street.
" Carey street, north side of Patterson avenue.
" Carey street, north side of Harlem avenue.
" Carey street, south side of Lombard street.
" Charles street, south side of Clement street.

Across Charles street, south side of Hughes street.
" Calverton road, north side of Harlem avenue.
" Camden street, west side of Bedford alley.
" Carroll street, east side of Stockholm street.
" Dover street, west side of Addison alley.
" Druid Hill avenue, north side of Moore street.
" Elliott street, east side of Potomac street.
" Eden street, opposite Synagogue.
" Eden street, south side of Hoffman street.
" Eutaw street, opposite Knabe's factory.
" Fall's road, north side of Third avenue.
" Fourth avenue, east side of Hickory avenue.
" Fairmount avenue, east side of Dallas street.
" Fairmount avenue, west side of Dallas street.
" Fairmount avenue, west side of Jackson square.
" Fayette street, east side of Centre alley.
" Fayette street, west side of Montford avenue.
" Fayette street, west side of Bradford street.
" Fayette street, opposite Sisters' School.
" Fort avenue, east side of Hull street.
" Fort avenue, east side of Covington street.
" Fremont street, north side of Waesche street.
" Foster alley, south side of Mosher street.
" Gorsuch avenue, east side of Tinges lane.
" German street, east side of Greene Street.
" German street, east side of Box alley.
" Goodman alley, south side of Clement street.
" Goodman alley, north side of Fort avenue.
" Goodman alley, north side of Randall street.

Across Garrett avenue, north side of Fort avenue.
" Greenmount avenue, north side of Federal street.
" Huntingdon avenue, east side of Calvert street.
" Hickory avenue, south side of Fourth avenue.
" Holland avenue, north side of Preston street.
" Henry street, north side of Fort avenue.
" Harlem avenue, west side of Carey street.
" Jordan alley, north side of Presstman street.
" Lexington street, opposite Minch & Eisenbrey.
" Luzerne street, north side of Lancaster street.
" Lancaster street, west side of Cannon street.
" Lanvale street, west side of Broadway.
" Lanvale street, west side of Caroline street.
" Lombard street, west side of Catherine street.
" Lombard street, east side of Paca street.
" Lombard street, west side of Paca street.
" Lombard street, east side of Mount street.
" Linden avenue, north side of Presstman street.
" Mary Anna street, west side of Pulaski street.
" Mary Anna street, west side of Smallwood street.
" Madison street, east side of Dallas street.
" Madison street, east side of Somerset street.
" Madison street, west side of Somerset street.
" Milliman street, east side of Caroline street.
" Millington avenue, south side of Frederick avenue.
" Millington avenue, south side of Lehman street.

Across Millington avenue, south side of Loudon avenue.
" Mount street, north side of Lorman street.
" Mount street, south side of Presstman street.
" Morris alley, south side of Bloom street.
" Morris alley, south side of North avenue.
" Morris alley, south side of McMechen street.
" McHenry street, west side of Parrish alley.
" McCulloh alley, north side of Wilson street.
" Marshall street, south side of Fort avenue.
" Opposite main entrance St. Michael's Church.
" Opposite William street M. E. Church.
" Pratt Street, at Bowly's wharf.
" Pratt street, west side of Centre Market.
" Pratt street, east side of Concord street.
" Pratt street, west side of Ann street.
" Pratt street, west side of Carlton street.
" Patterson Park avenue, opposite No. 221 South street.
" Pulaski street, south side of Mary Anna street.
" Parrish alley, north side of Lanvale street.
" Parrish alley, south side of Lanvale street.
" Presbury street, at Calhoun.
" Paca street, north side of Lombard street.
" Paca street, at Little Greene street.
" Patapsco street, north side of Fort avenue.
" Poultney street, at James alley.
" Portland street, east side of Emory street.
" Roland avenue, south side of Fourth avenue.
" Riggs avenue, east side of Parrish alley.

Across Ramsey street, west side of Stricker street.
" Regester street, south side of Lombard street.
" Riverside avenue, south side of Saunders street.
" St. Paul street, north side of Read street.
" St. Paul street, south side of Read street.
" Scott street, west side of Woodward street.
" Saratoga street, opposite No. 777 West.
" Saratoga street, opposite No. 735 West.
" Stoddard alley, north side of Presstman street.
" Stoddard alley, north side of Mosher street.
" Shields alley, south side of Dolphin street.
" St. James street, east side of Somerset street.
" Spring street, north side of Gough street.
" Schroeder street, north side of Boyd street.
" Tinges lane, south side of Gorsuch avenue.
" Third avenue, west side of Roland avenue.
" Thames street, southwest corner of Caroline street.
" Towson street, north side of Fort avenue.
" Vincent alley, south side of Lanvale street.
" Vincent alley, north side of Patterson avenue.
" Vincent alley, north side of McHenry street.
" Walbrook avenue, east side of Tenth street.
" Wolfe street, south side of Lancaster street.
" Wehage street, east side of Covington street.
" William street, south side of West street.
" York road, south side of Fourth street.
" York road, south side of Third street.

Across York road, south side of Sixth street.
" Alley at Clinton avenue, between Edmondson and Harlem avenues.
" Alley at Brune street, between Edmondson and Harlem avenues.

Making a total of 146 crossings laid.

Appropriation	$10,000 00
Expended	7,851 49
Balance	$2,145 51

NEW IRON GUTTER-PLATES.

Bank street and Collington avenue, both sides.
Eastern avenue and Chester street, both sides.
Hudson and Chesapeake streets, one side.
Argyle avenue and Mosher street, both sides.
Eutaw and Conway streets, one side.
Eutaw and Bank streets, one side.
Eutaw and Lee streets, one side.
Hanover and West streets, both sides.
Patterson avenue and Stricker street, one side.
Pratt and Eden streets, both sides.
Columbia avenue and Wooster street, new, one side.
Columbia avenue and Bayard street, both sides.
Baltimore and Exeter streets (remodeled to suit widened street), one side.

The iron gutter-plates authorized by Resolution No. 164 at Pratt and Gilmor streets have not been put in.

as the City and Suburban Railway Company contemplate changes in the curves of its road at that locality; therefore I thought it better to wait until the changes were made, and then put in the plates. I respectfully request that the balance of appropriation be re-appropriated.

Appropriation	$650 00
Expended	5 00
Balance	$645 00

The stone gutter-covers at Cathedral and Centre streets, authorized by Resolution No. 135, have not been completed on account of the difficulty of getting stone of sufficient size in time to begin the work before freezing weather. The stone covers are now on the ground and the work can be rapidly and successfully done as soon as the weather permits.

I respectfully request that the balance of appropriation be re-appropriated.

Appropriation	$3,000 00
Expended	44 00
Balance	$2,956 00

REPAIRS OF IRON GUTTER-PLATES

At the following localities, which were charged to repairs of paved streets, and to cross streets:

Fayette and Harrison streets.
Baltimore and Calvert streets.
Lafayette avenue and Gilmor street.
Pratt and Paca streets.
Wilkens avenue and Monroe street.
Wilkens avenue and Mount street.
Eutaw and Henrietta streets.
Henrietta and Warner streets.
Aliceanna and Washington streets.
Bond street and Canton avenue.
Gay and Lombard streets.
Paca and Lexington streets.
Charles and Preston streets.
Eutaw and Lombard streets.
Charles and Pratt streets.
Bond and Aliceanna streets.
Lombard and Frederick streets.
Pennsylvania avenue and Franklin streets.
Bank and Aliceanna streets.
Charles and Pratt streets.

I respectfully recommend that the unexpended balance of $1,402.14, from gutter-plates unexpended balances, be re-appropriated for repairs and contingencies that are constantly arising and to pay some balances still outstanding.

NEW DRAIN BOXES AND REPAIRS OF SAME,

Charged to Repairs of Paved and Unpaved Streets and Cross Streets.

	Length in ft.
Canton street and Philadelphia road (new)	100
Clement and Towson streets (repaired)	70
Fayette and Luzerne streets (repaired)	20
Monument, near Loney's lane (new)	76
Leadenhall and Ostend streets (repaired)	20
McHenry and Bentalou streets (repaired)	40
Ostend and Warner streets (repaired)	70
Potomac and Eastern avenue (new)	50
Point lane, west of Harford avenue (new)	100
Ridgely and West streets (new)	120
Fort avenue and Hill street (repaired)	32
Loney's lane, north of Federal street	20
East Monument street, near Loney's lane	16
Baltimore and Exeter streets	45
Baltimore and Temple streets	45
Monroe street, between Baltimore and Fayette streets	45

BOARD SIDEWALKS.

Resolution No. 80, board sidewalk (new) on Warner street 600 feet long.

Appropriation	$300 00
Expended	299 29
Balance	71

BOARD SIDEWALKS,

Charged to Repairs of Unpaved Streets and to East Lexington Street, Ordinance No. 76.

Philadelphia road, repaired	100 feet.
Ridgely street, repaired	100 "

CROSSINGS.

	Length in ft.
Pulaski street, from Baltimore to Fayette streets	400
Lexington and Holliday streets	96
Lexington and Gay streets, east side	96
Lexington and Gay streets, west side	96
Frederick street, east side	85
Harrison street, west side	96
Front street, east side	96
High street, west side	96
Lexington and Exeter streets	112
Lexington and Chesnut streets	96
Lexington and Aisquith streets	36

REPAIRS OF BRIDGES.

Argyle Avenue bridge, new floor.
Aliceanna Street bridge, new floor.
Block Street drawbridge, new floor.
Canton Avenue bridge, new floor.
Centre Street bridge, new floor.
Chase Street bridge, new floor.
Columbia Avenue and Burke Street bridge, new floor.

Columbia Ave. and Stockholm St. bridge, new floor.
Guilford Avenue bridge, new floor.
Hillen Street bridge, new floor and stringers.
Monument Street bridge, new floor.
Baltimore Street bridge, slight repairs.
Eastern Avenue bridge, slight repairs.
Harman's bridge, slight repairs to floor and hand rail.
Jackson Street bridge, slight repairs.
Ridgely Street bridge, slight repairs to floor and hand rail.

Scott Street bridge, slight repairs to floor and hand rail.

Warner Street bridge, slight repairs to floor and hand rail.

Appropriation	$6,076 13
Expended	6,041 63
Balance	$34 50

The following bridges, viz: Canton avenue, Chase street, Guilford avenue, Madison street and Monument street, required new floors; the condition of the bridges demanded immediate attention, and to provide for this emergency it became necessary to buy the material in advance of the appropriation for 1893. I therefore earnestly recommend that the sum of two thousand five hundred dollars ($2,500.00) be added to the amount that may be appropriated for 1893, for repairs for bridges, so as to pay for the material furnished and used.

LEXINGTON-DOUGLAS STREET BRIDGE.

Under your instructions I prepared drawings and specifications for the new bridge to carry Lexington or Douglas street over Jones's Falls, as provided for in Ordinance No. 142, approved October 9th, 1891, which apprproiated $35,000 for this purpose.

After legal advertising, proposals were opened in the Mayor's office on March 31st, 1892, as follows:

Bartlett, Hayward & Co., shop work to be done inside City	$33,848
Youngstown Bridge Co., shop work to be done outside City	26,983
Campbell & Zell Co., shop work to be done inside City	26,381
Campbell & Zell Co., shop work to be done outside City	24,381

The contract was awarded to the Campbell & Zell Company, they being the lowest bidders both ways, and their City price of $26,381 was accepted, as the ordinance of March 29th, 1875, was construed to mean that contractors for Jones' Falls bridges could only purchase from outside the City such raw materials as undressed stone, and saw mill or rolling mill products, or eye bar blanks and other sizes, shapes, &c., as are not made by Baltimore manufacturers.

The contract provided for the completion of the structure by November 9th, 1892, with a forfeit of $10

per diem for all delays beyond that date, except such delays as resulted from certain specified causes, such as strikes or other labor troubles, or fires, floods, wrecks, or other causes beyond contractor's control.

The contractor placed his orders for the steel plates, angles, &c., with the Carnegie Steel Company of Pittsburgh, who started rolling it in their Homestead mill, but work was immediately stopped by the great strike of the Amalgamated Association against the Carnegie Company. After several attempts to get the materials rolled, and after very serious delays and at heavy expense to them, they finally got the orders filled satisfactorily by the Carbon Iron & Steel Company of Pittsburgh, and the Pennsylvania Steel Company of Steelton, Pa., but the rolled material reached Baltimore about two months behind schedule time.

In the meanwhile, the retaining walls of Jones' Falls were being remodeled and foundations strengthened to make good bridge walls of them, and Campbell & Zell had purchased and erected a considerable plant of shears, punches, riveters and cold saw, under a new machine shop and trolley frame constructed for girder work as a specialty, and when the steel plates and shapes arrived, the shop work began very promptly and continued without interruption.

The girders were punched and riveted up complete in the shops, and a scow was purchased and remodeled to float the girders from Locust Point across the harbor

and up the falls to the bridge site, where they were lifted off the scow by heavy tackles on each wall and swung into place. At this date, thirteen of the girders have been so placed in position without accident, most of the interior bracing has been riveted in, and more than half of the floor plates have also been riveted on top of the girders, and the scow with the one remaining girder is stranded in the mud a short distance below the bridge where she has been now for more than a week awaiting the tides, which during the last three months have been unusually low, owing to the north or northwest winds, thus causing many serious delays to the bridge.

The structure is a deck bridge consisting of fourteen plate girders 78 feet long, reaching from wall to wall, and having curved tops upon which are riveted heavy floor plates carrying a granite block roadway 42 feet wide, and two granolithic sidewalks, each 14 feet wide, with heavy steel handrailings along their outer sides and granolithic gutter kerbing along their inner sides.

There is about a month's work yet to be done to complete the bridge (including the work to be done by the street railway company of affixing their rails), and allowing for bad weather the bridge can be ready for business by March 1st, 1893, and can then be opened for business if the approaches are completed.

I would also state that I have made some changes, adding to the work in some places and reducing it in

others, and the net result may be a small reduction in the contract price on final estimate next year.

BALTIMORE STREET BRIDGE OVER JONES' FALLS.

The present bridge carrying Baltimore street over Jones's Falls is 66 feet wide at the west end and only 55 feet wide at the east end, and as the "Narrows" on the east end have been widened on the north side of the street to 66 feet, the overhead trusses of the bridge now stand diagonally to the line of the street, and the trusses are not strong enough to carry a granite block floor.

Under instructions, I prepared plans and specifications for a new bridge, and as the East Baltimore portion of the City Passenger Railroad Company's lines could not be completely cabled until this bridge was finished, and that company was to pay a portion of the cost, it was deemed advisable to call for proposals before the next meeting of the Council, so as to lose no time.

Such proposals were opened in the Mayor's office December 5th, and they were under advertisements which specified that the work on the bridge must be done in this City and the materials purchased in this City so far as practicable. The specifications also called attention to the law of 1875, under which this restriction to this City was prescribed, and my official estimate upon which the Council was to be asked to appropriate $37,000 was published in the papers and

was open to all. Copies of the drawing, bills of quantities and specifications were also sent to several parties who had shops in this City capable of doing the punching, riveting and other shop work required by the law to be done in this City, and the agents of out-of-town bidders were given facilities for examining and copying items from them in my office in accordance with the terms of the advertisement.

The proposals opened December 5th, were as follows:

Wm. T. Malster, President, Baltimore.....	$48,892
Bartlett, Hayward & Co., Baltimore.....	37,800
Wm. C. Lewis, agent, not stated.....	37,000
Penna. Bridge Co., Beaver, Pa.....	36,900
Campbell & Zell Co., Baltimore.....	36,800
Pittsburgh Bridge Co., Pittsburgh, Pa.....	36,300
Variety Iron Works, Cleveland, O.....	36,125
Massillon Bridge Co., Massillon, O.....	35,850
Youngstown Bridge Co., Youngstown, O.....	35,684

The Campbell & Zell Co. being the lowest proposer for doing the work in Baltimore shops, but being also $1,116 higher than the lowest proposal to do the work outside, it was deemed advisable to save the City this difference at least, and also to use the figures as an object lesson to break down the restrictive law of 1875, so the Mayor called an extra session of the Council, which met December 12th, and passed ordinances appropriating $37,000 to build the bridge, ordering it to be let to the lowest responsible bidder, and repealing such parts of the ordinance of 1875 and all others as

were inconsistent, also enacting that all work for all Departments of the City Government should hereafter be let similarly.

Under this ordinance new bids as follows were opened in the Mayor's office December 27th :

Pittsburgh Bridge Co., Pittsburgh, Pa.....	$36,200
Toledo Bridge Co., Toledo, O.....	35,500
Wrought Iron Bridge Co., Canton, O.....	35,345
Penna. Bridge Co., Beaver, Pa.....	35,000
Croton Bridge Co., Croton, N. Y.....	34,950
Youngstown Bridge Co., Youngstown, O.....	34,540
Ross & Sanford, Baltimore.....	32 950
King Bridge Co., Cleveland, O.....	32,249
Campbell & Zell Co., Baltimore.....	29,932

The contract was awarded to the Campbell & Zell Co., who will have portions of the shop work done outside the City. The specifications require the completion of the bridge within five months, under fifty dollars per day forfeiture for all delays except those arising from strikes, floods, fires and other causes beyond the control of the contractor. The old bridge is the property of the City, and is to be carefully removed and hauled to our Belair lot for use at Edmonson avenue or elsewhere, and it is a fairly good bridge.

CHARLES STREET BRIDGE OVER N. C. R. R. AT UNION STATION.

Under the Act of the Legislature the Northern Central Railway Company was authorized to extend at each

end their bridge carrying Charles street across their tracks, and under Ordinance No. 61, approved April 27th, 1892, the elevation of the floor of the bridge was authorized to permit the cable grip of the Baltimore City Passenger Railway Co. cars to get over, but all this to be at no expense to the City. I participated in the planning and arrangement of the new work and inspected it from time to time, and now report that it is finished and we have a better bridge than before, and the railroad companies concerned have more and better facilities.

REPORT ON CHARLES STREET BRIDGE OVER JONES' FALLS.

BALTIMORE, December 31st, 1892.

During the summer I made plans for the re-modeling of the middle portion of the floor of the City's bridge carrying Charles street over Jones' Falls just south of Union Station, so as to permit the cable grip of the Baltimore City Passenger Railway cars to get over, and have inspected the work during its progress.

The work involved the removal of the granite block roadway and of the supporting iron floor plates, the cutting into the iron floor beams and their reinforcement by means of additional beams riveted to them, the attachment of the slot and track rails and fixtures, including new floor plates, and the work is now completed up to this point. The asphalt coating, sand bed and granite block roadway will be put on as soon as the weather permits good work of this kind to be done.

MARYLAND AVENUE BRIDGE OVER N. C. RAILWAY.

Under Legislative Act the Northern Central Railway was authorized to extend their bridge carrying Maryland avenue over their tracks, such extension to be at both ends, and the southern extension to reach to a connection with the City's bridge over Jones' Falls, and under your instructions I have inspected their plans and operations from time to time.

During their operations they cut away the south half of the small rubble stone backing of the City's bridge abutment and rebuilt it with large ranged stone, very much improving it, and they will treat the north half the same way.

REPORT ON MARYLAND AVENUE BRIDGE OVER JONES' FALLS.

BALTIMORE, December 31st, 1892.

The completion of this new bridge by the N. C. Railway Co., connecting with the City's existing old and nearly worn out cast iron bridge over Jones' Falls at this point, brings up the question of the removal of this old bridge in the near future. It is mostly cast iron of the same obsolete pattern as the old Charles Street bridge and the old North Avenue bridge, both of which have been removed for good cause. It is the last bridge of this pattern we have, and it is very light for the increasingly heavy work it has to do, and it is in very bad condition.

The railway people have been very much delayed in getting the iron for this bridge by the fact that the Pottsville rolling mills were overcrowded with orders resulting from the Carnegie strike, but the mill has caught up with its schedule and the bridge is being shipped, and it is now stated that it will be completed by early summer, and I therefore recommend that we take early steps to rebuild our portion of the structure.

GAY STREET BRIDGE.

During the summer I made plans for remodeling the floor of the City's bridge carrying Gay street over Jones' Falls, in order to accommodate the City Passenger Railway Co.'s cable and grips, and the railroad company is now at work on the structure. The work is in many respects similar to that done on the Charles Street bridge, and involves the removal of the granite blocking, the floor plates, the cutting out of the floor beams and their reinforcement by additional beams riveted to them, the attachment of track and slot rails and fixtures and new floor plates, and replacing of the roadway, all of which will be inspected by me as the work progresses.

FORT AVENUE BRIDGE OVER B. & O. R. R.

Many complaints about this bridge having been received from the Baltimore Traction Company and other parties near Fort McHenry, you placed the matter in my hands, and on November 29th, 1892, I met on the ground Chief Engineer Johnson, Division Superintend-

ent Fitzgerald, Division Engineer Fendall and Bridge Engineer Dagron, all of the B. & O. R. R.

The old bridge was built many years ago by the railroad company to avoid a grade crossing, and it is to be maintained by them. It was built 80 feet wide at first, and was afterward extended to cover more tracks, but the extension was made only 30 feet wide, and the whole affair was in very bad condition.

We agreed to remodel the whole structure, making it 50 feet wide from end to end, with two sidewalks 5 feet wide, and a close built handrail on either side, all similar to the floor of the North Avenue temporary bridge which is only 50 feet wide and accommodates vastly more traffic than Fort avenue shows.

The plan also includes putting in extra joists under the street or car rails, and the B. & O. officers had a gang of bridge carpenters at work within two days who will continue until the work is completed some time in January.

The arrangement made does not conclude us from demanding the future widening of the bridge to the full width of the avenue if the business of the locality should require it, and it is likely that the railroad company will extend the bridge again so soon as they remodel their Locust Point terminals after the opening of the Belt Line readjusts their traffic.

EDMONDSON AVENUE BRIDGE OVER B. & P. R. R.

Examinations and measurements made to take out the awkward curvatures at this bridge have not yet developed the best way to do it, and I am at work on the problem. The north building line west of the bridge is 20 feet south of the north building line east of the bridge, and there are unsettled questions of deeds made or accepted.

I conferred with General Agent G. C. Wilkins, about putting the present Baltimore Street bridge there, thus giving his railroad company room for two more tracks, and he recommended to his people to agree to rebuild the abutments for this purpose, but his Philadelphia officers think that they ought not to do quite so much as that, as they are just now paying for very large improvements in their lines. We are to have further conference on the subject.

NORTH MONROE STREET BRIDGE OVER B. & P. AND W. M. R. R.

I am making further study of this bridge question, and will make a new survey some time in January. There is a chance to utilize here some of the heavy iron pier columns now standing at North Avenue bridge, and they are as good as new ones.

RAMSAY STREET BRIDGE OVER GWYNN'S RUN.

Ramsay street crosses the valley of Gwynn's Run two blocks north of Wilkens avenue, with Christian

street intervening. West of the run the bed of Ramsay street is open, and many houses, &c., are already built, and much good building land would be rendered available and the taxable basis of the ward much increased by improvements by the construction of a bridge across the valley. A year or more ago an ordinance passed Councils appropriating $20,000 for such a bridge, but it was not signed by the Mayor, and the subject is again in sight, and is urged by Councilmen from the wards interested.

I have made some study of the locality, and find that the best plan will be to cross the valley with an embankment over an arch culvert, as is done by Wilkens avenue just below. This plan will require 30,000 cubic yards of embankment, which will cost about thirty cents per yard, and 1,850 cubic yards of stone and brick arched culvert, which will cost about $11 per yard, to which should be added $650 for staff expenses, making $30,000 in all. This is in addition to the filling that has already been done on the east side and the small piece of rubble wall which exists on the west side. Paving and kerbing are omitted from the first cost, as these should not be done until the embankment has had time to settle.

Respectfully,

FREDERICK H. SMITH,

Consulting and Bridge Engineer.

REPORT OF FREDERICK H. SMITH, DECEMBER 31ST, 1892, ON FOLLOWING BRIDGES.

North Avenue bridge over railroads and Jones' Falls.

Lexington-Douglas Street bridge over Jones' Falls.

Baltimore Street bridge over Jones' Falls.

Charles Street bridge over railroads at Union Station.

Charles Street bridge over Jones' Falls.

Maryland Avenue bridge over N. C. R. R.

Maryland Avenue bridge over Jones' Falls.

Gay Street Bridge over Jones' Falls.

Fort Avenue bridge over B. & O. R. R.

Edmondson Avenue bridge over B. & Potomac R. R.

North Monroe Street bridge over B. & P. and W. M. R. R.

Ramsay Street bridge over Gwynn's Run.

NORTH AVENUE BRIDGE IMPROVEMENT.

REPORT OF FREDERICK H. SMITH, CHIEF ENGINEER.

BALTIMORE, MD., December 31st, 1892.

Capt. A. E. Smyrk, City Commissioner.

CAPTAIN—At the date of my last report one year ago, the temporary bridge over Jones' Falls, to carry North avenue traffic during the construction of the new bridge, was completed, and we were waiting for the Baltimore Belt R. R. to comply with their agreement to provide the temporary approaches to the

structure. We were also waiting for good weather in which the sewer work at the west approach could be completed, and this interim I utilized in getting out the plans and specifications for Lexington Street bridge.

Some time in March the sewer work was completed beyond the bridge line, and I was also told officially that the Belt R. R. Company had settled for the Lee property, and that the injunction against the completion of the east approach had been removed, but I could not get the railroad officers to go ahead and complete the approaches; they now began to talk about wanting the location changed, alleging that the temporary bridge was in the wrong place and interfered with their plans for the use of four tracks at the west end and their use of the east end for a depot.

I reminded them that the temporary bridge and approaches were located by me with the consent of their President, William Gilmor, and their former Chief Engineer, Samuel Read, and stated that as the City had built and paid for one temporary bridge at the agreed location, we could not agree to build and pay for another one to suit their changed plans, but that I would recommend the building of another one at a more inconvenient location for the City's contractors, if they would pay for it.

As no disposition to do anything was shown by the railroad officers, and as passage over the old bridge

was very dangerous, and getting more so every day, the Mayor on May 9th, ordered that we should complete the approaches and open traffic over the temporary bridge, so as to close and remove the dangerous old bridge as soon as possible, and I at once began putting in crib work, and grading and side-walks at the west end where no approach work had been done as yet by the railroad men.

At the east end the approach had been graded out to the abutment by the Belt Railroad before the Lee injunction had been laid, and we were in occupation of it, as stated in my last report, deriving our title to so occupy it from the Belt Railroad, which had on my official requisition graded the approach and placed us in occupation of it. We, of course, respected the Lee injunction, but when this injunction was raised, we, of course, re-occupied the property, presuming that the Belt Railroad Company, under which we held, would not quarrel with their own former action, but in this we were mistaken.

On June 16th, after wagon travel was actually opened (although not yet officially advertised) over the temporary bridge and its approaches, the Belt Railroad Company, without notification, hurriedly built a heavy fence across the eastern approach, about 100 feet west of Oak street, and on June 18th, under your orders, I removed this fence, and permitted the public to resume travel. On June 21st, we advertised the temporary bridge open to the public, and on June 27th, we adver-

tised the closing of the old bridge to all traffic. The cost of completing these approaches, including gutters and paving and the removal of the fence, was $2,664.32, which is mostly chargeable to the Belt Railroad Company on final account under their agreement to provide approaches.

On July 6th, we began removing the old bridge, and on October 22d, we completed the removal of the superstructure, but I have left the old iron pier columns standing for use in the construction of falsework for the new bridge, and as temporary landmarks and reference points. The work of trestling up, disconnecting and removing these old trusses, was necessarily very slow, as all the joints were tightly rusted, the headroom over the locomotives was in many places only a few inches, with trains continually passing, making the work so dangerous that, in order to avoid accidents, we had to sift down the applicants for employment until we finally secured a fair gang of expert bridge hands. We also used in this work the travelling derricks and other special machinery purchased for the construction of the temporary bridge, and we now have this outfit on hand for use in the erection of the new bridge.

In removing the old bridge we also cut out and removed the heavy pipe and rivetted girder belonging to the Water Department, at a cost of $803.45, which amount has been charged to that department. A portion of the old bridge timbers were used up in the

false-work, while a portion are still on hand, and the more useless pieces were sold off from time to time by the watchman, and the proceeds, amounting to $233.79, turned into your department; also an uncollected bill for $50.26.

The irons of the two short spans are retained at the east abutment for use in the new false-works, and the irons of the three long spans are piled in your Belair lot for use or sale, as may be determined. It will cost heavily to re-adapt them for use elsewhere, and even if so adapted and rebuilt, we would not have a good modern bridge.

On August 5th, after much urging, the Belt Railroad Company began to comply with their agreement to construct the permanent approaches, by starting their contractors, L. B. McCabe & Bro., into the excavations for the west approach, and on August 15th, they discontinued this work.

On August 20th, Major Richard Randolph, who had been Chief Engineer of the Baltimore Belt Railroad Company, and also of the Maryland Construction Company, was relieved from the latter office, and Mr. William T. Manning appointed. This tied things up for awhile, and it was not until October 4th, that work was recommenced on the west approach.

As this approach is to be built under our plans and direction, I asked General Agent Wilkins, of the Pennsylvania Railroad, to confer as to what he would

require where his Potomac Tunnel was involved, and about the middle of June I met him on the ground, together with Chief Engineer Richards. After full consideration of the matter, and in view of the heavy extra duty which would be imposed on the tunnel, they required that we should reinforce it with additional walls and arching wherever our masonry rested, and this work is now being done by the Belt R. R. Company.

The fact that these reinforcing walls had to go down to firm foundations, and would thus interbond with the masonry of the west abutment, made it very desirable that the construction of this abutment should be carried on at the same time and by the same workmen, and under your direction, approved by the Mayor, I have arranged with the Belt R. R. Company for them to construct this abutment up to about what would be the spring line of the arches if a stone bridge is to be built. They are to do all excavating, furnish all new stone required for first-class masonry in exterior walls, with rubble backing, and using such of the old abutment stone in this backing as we deem suitable, also furnishing cement, sand, &c., all for eight dollars per cubic yard of wall built.

In view of all the delays that have already occurred in connection with this bridge, and in view of the very nasty and dangerous condition of affairs which will obtain when the Baltimore & Ohio R. R. Company begins running their entire fast train business across

North avenue at grade next September, with three sets of electric cars and a constantly increasing tide of traffic on that avenue, it certainly now seems to be good business sense and judgment to build a steel bridge at that point, and to lose no time about it either.

A stone bridge will take two years at least to build, and most likely three, and will cost $341,000, without allowing for accidents to false-work from fire or passing trains, resulting in possible downfall of half-built arches, while a steel bridge, with stone supports, can certainly be built in one year, is not nearly so liable to accident, and will cost only $260,000.

The difference in cost of $81,000, at four per cent., is $3,240 per annum against the stone bridge, and the extreme cost of repainting and otherwise keeping a steel bridge in thorough condition, is only, say $440 per year, thus leaving a clear net business argument of $2,800 of extra taxes every year against the stone bridge.

As will be seen by the reports of the Assistant City Commissioner, a vast amount of work was done during the year, and I take it upon myself to say that it was done so as to compare favorably with similar work in any city in the country. The expenditures of the Department for the year amounted to $1,265,100.77.

REPORT OF CHARLES P. KAHLER, ASSISTANT CITY COMMISSIONER.

A. E. SMYRK, ESQ.,

City Commissioner.

SIR—I have the honor to submit the following report showing the location and nature of the work done during the past year on the various sewers under my charge and supervision.

I herewith present the accompanying table, furnished from the records of the Weather Bureau in this City, showing the amount of rain which fell the past year:

TABLE SHOWING NUMBER OF DAYS AND VOLUME OF RAINFALL FOR EACH MONTH, FOR THE YEAR 1892.

1892.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Number of days	12	14	13	12	15	13	9	10	9	3	11	8	129
Number of inches	6.42	2.41	7.20	3.15	6.35	4.87	4.07	1.83	2.38	0.26	3.85	2.28	45.05

NEW SEWERS AND INLETS.

The work done in accordance with the ordinances and resolutions of the Mayor and City Council is as follows:

Franklin and Pulaski Streets Section.

This section of sewer to discharge the water of the northeast branch of Gwynn's Run has been completed

from a point in Smallwood street, one hundred and sixty and one-quarter feet south from the intersection of Smallwood and Franklin streets, in the beds of Smallwood, Franklin and Pulaski streets, and connected with the section of sewer eleven feet in diameter, heretofore constructed in Pulaski street, from the south side of Edmondson avenue.

This work was of the same character as that done in the sections heretofore constructed along the line of this run, due care being taken to construct it of the proper capacity, and in the strongest and most substantial manner.

The section is circular in shape, eleven feet in diameter, built in a cradle of rubble stone masonry, laid in hydraulic cement. The invert to the height of one-fourth of the diameter of the sewer, consists of granite blocks nine inches deep laid in Portland cement. The balance of the invert is of brick, two rings, nine inches thick. The arch is of brick, three rings, thirteen and one-half inches thick, backed up with a sufficient amount of masonry to prevent its giving away or settling.

The lengths and grades of this section of sewer are as follows:

104 feet of straight, with a grade of ten inches per 100 feet in Smallwood street; 96.49 feet of curve, 60 feet radius, with a grade of 12 inches per hundred feet at the intersection of Smallwood and Franklin streets;

283.63 feet of straight, with a grade of 10 inches per 100 feet in Franklin street; 96.43 feet of curve, 60 feet radius, with a grade of 12 inches per hundred feet, at the intersection of Franklin and Pulaski streets, and 377.54 feet of straight, with a grade of 10 inches per 100 feet in Pulaski street, making a total of 958.9 feet, with the necessary manholes and inlet openings.

The manholes and inlets for this sewer cannot be completed until the streets are graded and paved.

The construction of this section of sewer makes the large tract of land between Fulton avenue on the east, and the main Gwynn's Run on the west, and Franklin street on the south, and Lanvale street on the north, available for building purposes.

Read Street Sewer.

This sewer has been completed, with the exception of two inlets at the west side of North street, at Read street, from a point in the west side of Jones' Falls westerly in the line of Read street, through the property belonging to the Northern Central Railroad Company (through which right of way was granted to the City), to the intersection of North and Read streets, thence still westerly in Read street to the west side of Cathedral street, in Richmond street.

Two lateral branches have been completed, one north in Charles street to Eager street, and the other south in Morton alley to Madison street.

On account of the heavy grade between Jones' Falls and Calvert street, which was 6.74 feet per 100 feet, it was deemed best to lay cast-iron pipe forty inches in diameter between these points.

Of this work 596 feet of cast-iron pipe forty inches in diameter, with a grade of 6.74 feet per 100 feet, has been laid from the falls to a point $20\frac{1}{6}$ feet west of the east curb of Calvert street.

The laying of these cast-iron pipes under the Northern Central Railroad tracks, with the trains constantly running over them, was dangerous and difficult. The excavation had to be made and timbered the same as by tunnel. There were two extraordinary heavy rainstorms whilst this portion of the work was being done, the flood of water being so great that it washed out the paving in the bed of Read street, between North and Calvert streets, as well as a portion of the railroad company's retaining wall along the east side of North street. No injury or damage, however, was done to the work.

From a point $20\frac{1}{6}$ feet west of the east curb of Calvert street to the west curb of St. Paul street, for a distance of 345 feet westerly, with a grade of 2.4 feet per 100 feet, the sewer is circular in shape, four feet in diameter, constructed of brick, with a granite block bottom. From this point westerly for a distance of $455\frac{1}{3}$ feet, with a grade of 2.67 feet per 100 feet to the west curb of Charles street, it is nearly circular in

shape, having an invert and arch of one foot nine inches radius, and a rectangular section of three inches high by three feet six inches wide, between the invert and arch, making this section three feet six inches wide by three feet nine inches high; thence for a distance of 178½ feet, with a grade of 5.4 feet per 100 feet to the west curb of Morton alley, it is three feet in diameter; and from this point for a distance of 227 feet, with a grade of 4 feet per one hundred feet to the west side of Cathedral street, the sewer is of cast-iron pipe twenty-four inches in diameter, with two branches of cast-iron pipe twenty inches in diameter, one 50 feet and the other 38½ feet long, to the inlets in Richmond street, making a total length of 1,890 feet of sewer.

The invert, to the height of one-fourth of the diameter of the brick portion of this sewer, consists of granite blocks, nine inches deep, laid in Portland cement. The balance of the invert and arch is of brick, 2 rings 9 inches thick, laid in good American hydraulic cement.

A lateral branch of terra cotta pipe, twenty-four inches in diameter, has been laid in concrete in Charles street, from Read to Eager street, a distance of 482 feet, with inlets on the west side of Charles street at Eager street, to discharge the flood of water in time of a heavy rainfall, from Eager street west of Charles street, into the sewer, doing away with the gutters across Charles street.

The lateral branch laid south in Morton alley, from Read to Madison street, is a cast-iron pipe, twenty-four inches in diameter, 345⅔ feet long, with a grade of 1.64 feet per 100 feet, thence 36 feet of cast-iron pipe, twenty-four inches in diameter, was laid across Madison street, to the inlet at the south side of said street, making a total length of 381⅔ feet of sewer.

Twelve manholes were built, eight of which are on the main line, one on the Charles street branch at Eager street, and three on the Morton alley branch, which include the one in the bed of Madison street.

Thirteen openings were constructed through which the water is discharged into the sewer, nine of which are in the main line, two at Cathedral street, two at St. Paul street and two at Charles street, and one at the northwest corner of Cathedral and Richmond streets, and two at Richmond street just west of Cathedral ; two in the Charles street branch at Eager street, and two in the Morton alley branch at Madison street. The connections of these openings with the sewer, including the cast-iron pipe, twenty inches in diameter (except the one at the northwest corner of Cathedral and Richmond streets, which is twelve inches in diameter) and brick work connections, amount to a total length of 163¼ feet.

The construction of the section between St. Paul street and the west side of Charles street, was tedious and difficult, from the fact that it was through made

ground with plenty of water in it, and several drain pipes which had been laid in the line of the trench, through which water was continually discharging, requiring constant pumping, in order to keep the trench clear enough of water, so as to be able to successfully prosecute the work. Gas and water mains also interfered with the work.

Two large oak stumps were encountered ten feet below the surface, in the intersection of Charles and Read streets; these were removed. These several circumstances naturally delayed the work.

Eden Street Sewer.

This sewer has been constructed from the City Dock in the bed of Eden street to Eastern avenue, thence in Eastern avenue westward along the south curb line to a point 39 feet west of the west curb of Eden street. From this point there are two branches, one of which continues along the south curb line and the other takes a northwesterly direction, crossing the avenue and following the north curb. Both branches continue to points about midway between Eden street and Central avenue.

The length of the main line of sewer is 1,142 feet, the south branch 66⅓ feet and the north branch 76⅙ feet, making a total of 1,269$\frac{5}{12}$ feet of sewer constructed.

When the calculation was made for the construction of this sewer, it was supposed it would only be neces-

sary to drive piles at the water front to get a secure foundation on which to construct this portion of it, but when the street was opened and the excavation made for the work, it was found that the material in the bottom was made ground and more of the character of a quagmire than anything else. This necessitated the driving of piles for the foundation for nearly the whole length of the sewer in Eden street.

In making the excavation at the intersection of Eden street and Eastern avenue, an old wharf or bulkhead was encountered, showing that in early times the water extended up to this point.

This accounted for the water and soft material in the bottom of the excavation. It was necessary to keep a pump going almost constantly day and night, to keep it clear of water.

On account of these conditions, six hundred and thirty piles were driven to an average depth of twenty-four feet, for a distance of 757¼ feet, from its outfall at the City Dock to a point about two feet north of the railroad track in Canton avenue, and thirty-six more to an average depth of fifteen feet, for a distance of 72¾ feet, making the total number of piles driven six hundred and sixty-eight, in a total distance of 830 feet. On these piles four lines of 12x12 inches timber sills were laid and bolted thereto. On these sills the timber platform, twelve feet wide, of timber six inches thick by twelve inches wide, was laid and bolted.

From the end of the foundation north, the bottom of the excavation was found to be still somewhat soft, in consequence of which the timber sills and platform were laid for a distance of 143 feet, making the total length of the timber platform 973 feet from the outfall of the sewer. All timber used was of the best Georgia yellow pine.

The sewer is oval in shape, built in a cradle of rubble stone masonry laid on the timber platform. For the distance of 928⅔ feet, it is six feet wide by three feet three inches high. The invert is of brick, two rings, nine inches thick; the arch is of brick, three rings, thirteen and one-half inches thick, all laid in the best hydraulic cement. The arch is backed up with sufficient rubble stone masonry to sustain it.

From the end of this first section, 928⅔ feet long, on account of the slight elevation of the surface of the street (it being only about four and one-half feet above mean tide), the balance of the sewer is an open section with vertical side walls covered with cast-iron plates. Of this section for a distance of 145 feet, the rubble stone cradle and the invert are the same as in the oval section, the end of it being 1,073⅓ feet from the outfall, having a grade of .2243 feet per 100 feet; thence it curves, with a radius of thirty-four feet, to the left into Eastern avenue, for a distance of 53¾ feet, with a grade of .8935 feet per 100 feet, the invert being gradually changed in form to that of a segment of an inverted arch with vertical sides; thence

westerly along the south curb of Eastern avenue for a distance of 15 feet, with a grade of 50 feet per 100 feet, making a total length of 1,088⅙ feet for the main sewer. From this point the two branches, four feet wide by two feet six inches high, are constructed, the one westerly for a distance of 51⅓ feet, with an average grade of 1.87 feet per 100 feet along the south curb line of Eastern avenue, and the other northwesterly 48 feet across Eastern avenue to the north curb line of said avenue; thence westerly along said north curb line 28½ feet, making a total length of 76½ feet, with an average grade of 1.62 feet per 100 feet.

North Avenue and Druid Hill Avenue Intercepting Sewer.

This sewer is being constructed from a point in the west side of Jones' Falls, north of North Avenue bridge, through the Northern Central Railway Company's property, and under their tracks to North avenue; thence westerly in the bed of North avenue to Park avenue; thence southerly in the bed of Park avenue to Laurens street and thence southwesterly in the bed of Laurens street to Druid Hill avenue, where it will intercept the old sewer in Druid Hill avenue from the north side of Laurens street.

When completed, the sewer in North avenue will drain all that section of the district north of North avenue to Druid Hill Park and west from Mount Royal Terrace to McCulloh street, and the sewer in

Park avenue and Laurens street, will drain all that section of the district west of Park avenue to Pennsylvania avenue and north from Laurens street to North avenue, and also the section west of McCulloh street to Pennsylvania avenue and north of North avenue to Druid Hill Park.

The intersection of Druid Hill avenue and Laurens street, which is so badly flooded in every heavy rainfall, will be entirely relieved.

The total length of this sewer will be about 4,472 feet, of which about 1,972 feet will be in open cut and the balance, 2,500 feet, will be in tunnel. The section constructed in open cut is eight feet in diameter. It will extend from Jones' Falls to within about 240 feet east of shaft No. 1, located in North avenue just east of Park avenue.

The remaining part of the eight feet in diameter section will be in tunnel, and will terminate in Park avenue at the end of the curve from North avenue. The remainder of the sewer in Park avenue and Laurens street, which is being constructed in tunnel, will be seven feet in diameter.

At the outfall of this sewer, the wing walls seventeen feet in length, the parapet wall, the foundation for the apron, built upon solid rock, and the apron, have been completed.

From this point the sewer is constructed for the distance of 133 feet, with a grade of two feet per 100 feet,

to a stone shaft with a vertical rise of eighteen feet, which is on the west side of the old retaining wall of the Northern Central Railway, now rebuilt as the west abutment wall for the bridge of the Baltimore Belt Railroad.

To construct this drop, a timbered shaft sixteen feet square was sunk to a depth of thirty-four feet below the surface, one-half of which was in made ground, the balance in solid rock. In the bottom of this shaft a cast-iron invert was placed, one and one-half inches thick, eight feet in diameter and twelve feet long, made in four sections.

On this invert a cast-iron hood or arch collar, eight feet in diameter and two feet long, is placed, eight feet from the back end.

The drop is eight feet square and the sides are lined with heavy rock faced dimension stone on the inner face and backed up with rubble stone masonry to form a uniform thickness of four feet on all sides, and the same is carried up from the spring line and top of the hood to a height of eighteen feet, being the spring line of the next section. It is all laid in good hydraulic cement, with all joints struck and pointed with Portland cement. The section constructed under the abutment wall is laid in the best Portland cement and the spandrel walls carried up level with the extrados of the arch. At the height of fourteen feet above the bottom of the drop in the west wall, four

stone steps with a rise and tread of one foot each are built. The sewer, sixteen feet west from the center of this drop, curves with a radius of sixty feet for a distance of thirty-four feet eight inches, the line of which is in the bed of North avenue.

The construction of the sewer was then continued to the centre of another stone shaft located in the north sidewalk of North avenue, at a distance of 243 feet 1 inch from the centre of Drop No. 1, and sixty-two feet west of the two tracks of the Northern Central Railway crossing.

Of this section sixty-two feet were constructed in tunnel under the side tracks.

The character of the material in the trench between these drops was of a hard dry loam to within seven feet of the bottom of the excavation, the balance of which was a hard, rotten rock which required blasting. The invert and arch of this section were built with Portland cement.

The second drop, with a rise of six feet six inches above the bottom of a cast-iron invert is of the same dimensions and constructed upon the same plan as Drop No. 1. In the west wall of this drop two stone steps with a rise and tread of one foot each were built. From the centre of Drop No. 2, the construction of the sewer was continued for a distance of 588 feet to the centre of Drop No. 3. This part of the section is constructed upon a bed of hard dry loam.

Drop No. 3, which is nearing completion, is of the same dimensions, and is being constructed upon the same plan as the previous ones. It will have a perpendicular rise of four feet six inches above the bottom of the cast-iron invert placed upon a cradle of rubble masonry one foot deep.

It will have one stone step with a rise of six inches and a tread of eighteen inches, built in the west wall. It is located in the sidewalk at the southeast corner of the park.

There remains to be constructed one more of these drops with a rise of five feet ; it will be located on the south side of North avenue, just west of the west building line of John street.

The grade of North avenue being too heavy to adopt for a sewer of such a size, necessitated the adoption of this system of vertical drops to reduce the grade of the several sections of sewer between them for the daily flow of the water to one (1) foot six (6) inches per one hundred feet. Of the section in open cut 1,010 feet have been completed, leaving about 962 feet yet to be done. The depth of the excavation was from thirteen to twenty-two feet.

From the new abutment constructed for the Belt Railway bridge over the Northern Central Railway tracks and Jones' Falls, for a distance of 540 feet west in the north side of North avenue, this sewer will have to support a portion of the heavy retaining walls to be

constructed for the north side of the new approach to the North Avenue bridge.

These conditions necessitated extra precautions being taken to construct this portion of the work in the very strongest and most substantial manner. It was built with the best Portland cement.

That portion of this sewer, which is being constructed in tunnel, will, when completed, be about 2,500 feet long. Work upon this section was begun by sinking Shaft No. 1, eighteen feet four inches long by twelve feet wide, in the bed of North avenue, just east of the east building line of Park avenue, to the depth of twenty-seven feet to the bottom of its sump, which is four feet three inches below the grade line of the sewer.

The excavation in the shaft was through made ground to a depth of about thirteen feet, the balance of the material being of a shaly formation to within one foot of the grade line of the sewer, where solid rock was encountered, necessitating blasting. The ends and sides of the sump having been lined with rubble masonry, excavation to the east and west from the shaft was begun.

The section eight feet in diameter is constructed east from the shaft for a distance of 121 feet, and the same section west from the shaft is built for a distance of seventy-eight feet six inches, in curve, with a radius of fifty feet.

At the point of tangent, a conical section eight feet in length was built, seven feet in diameter at the south end, the point of beginning of the seven feet in diameter section in tunnel.

From this conical section, the seven feet section has been constructed for a distance of thirty-two feet six inches.

The character of the soil in the excavation east of the shaft is made ground in the top of the heading and a hard shaly formation below the spring line of the sewer. The material in the excavation west of the shaft is of a hard rotten rock nature which has risen from one foot above the grade line of the sewer at the shaft to the roof of the heading fifty-nine feet distant from it, in consequence of which dynamite is used in blasting.

At the distance of twenty-one feet six inches west from the shaft, in the curve, an opening, four feet wide and five feet high, was built with which to connect a sewer, which will have to be constructed in North avenue to relieve that part of North avenue west of Park avenue. The grade of the section east from the shaft is one foot per 100 feet, and west from it nine inches per 100 feet. At the distance of 325¼ feet from Shaft No. 1, Shaft No. 2, nineteen feet four inches long by eleven feet wide, and located in the centre line of Laurens street just west of the west building line of Park avenue, was sunk to the depth of forty-three feet

four inches to the bottom of its sump, five feet below the grade line of the sewer. The ends and sides of the sump were lined with rubble masonry.

The excavation in the shaft for a depth of twenty feet was in sand and gravel which were utilized on the work; the remainder of the excavation was through a hard clay and rotten sandstone in which some water was found.

The seven feet section west from the shaft is constructed for a distance of 36½ feet with a grade of nine inches per 100 feet, and east from it for a distance of 27½ feet with a grade of nine inches per 100 feet.

The character of the ground, west from the shaft, is of a hard rotten sandstone entirely free from water, and has to be blasted, whilst east from the shaft, the ground is of a clayey nature intermixed with water.

At Shaft No. 1, a boiler and hoisting engine are in place to raise and lower material, also an ejector operated by steam in the shaft to discharge the water from the sump to the surface. At Shaft No. 2, a boiler and hoisting engine are in place and two elevators in the shaft for raising and lowering material. There is also an ejector in this shaft to discharge the water from the sump to the surface.

The sections of sewer in tunnel are circular in shape, the inverts to the height of one-quarter of the diameter consist of granite paving blocks, nine inches deep,

from six to six and one-half inches in thickness, and an average length of fifteen inches, all laid in Portland cement. The balance of the inverts are laid in brick, nine inches thick, and the arches thirteen and one-half inches thick, with all interstices between the extrados of the arches and the timbering packed solid with bricks laid dry.

Other shafts will be sunk at convenient distances on the line of the sewer, and the work prosecuted as rapidly as possible.

Carey and Calhoun Streets Relief Sewer.

This sewer has been completed in Carey, Ramsay and Calhoun streets from the north side of the B. & O. R. R. bridge over Carey street to Edmondson avenue, as follows: In open cut 2,233½ feet in length, seven feet in diameter, with a grade of $1\frac{98}{00}$ feet per 100 feet to Baltimore street; in tunnel 1,961½ feet in length, six feet six inches in diameter, with a grade of one foot per 100 feet to Franklin street, and in open cut 490 feet in length, five feet nine inches in diameter, with a grade of $1\frac{44}{00}$ feet per 100 feet to Edmondson avenue, making a total of 4,685 feet of the main sewer completed.

At the intersection of Baltimore and Calhoun streets a conical section, twelve feet nine inches long, seven feet in diameter at the south end and eleven feet ten inches wide by seven feet two inches high, elliptical in

shape, at the north end, was constructed, by which the old Baltimore Street sewer west of Calhoun street was connected with the new sewer in Calhoun street south of Baltimore street, and also the new sewer in Calhoun street north of Baltimore street.

In making the connection of the Baltimore Street sewer with the new sewer it was necessary to construct a section of sewer four feet in diameter forty-nine feet long.

There have been constructed along the line of this sewer the following inlets: Three at Carey and Ramsay streets, two at Ramsay and Calhoun streets, two at McHenry and Calhoun streets, two at Pratt and Calhoun streets, one at Lombard and Calhoun streets, one at Hollins and Calhoun streets, one at Booth and Calhoun streets, and one at Franklin and Calhoun streets; also fifteen manholes at about equal distances apart.

The depth of the excavation for this work in open cut averaged twelve feet. The deepest point of the tunnel below the surface is thirty-one feet and the shallowest point sixteen feet.

The character of the soil for a distance of 861 feet through which the tunnel was driven was a conglomeration of sand, gravel and mica, filled with water. In all the headings driven there was a heavy flow of water, requiring constant care and watchfulness in

the timbering to prevent the material from running into the tunnel and the street overhead from caving in.

Some bad ground was encountered in the open cut south of Baltimore street, and also in that portion from the end of the tunnel at Franklin street north to Edmondson avenue, in consequence of which it had to be carefully timbered. Notwithstanding the difficulties encountered in the construction of this work, they have all been successfully overcome without accident of any kind whatever.

At the intersection of Franklin and Calhoun streets, the old Calhoun street sewer was connected with the new sewer by an opening three feet square having an area of nine square feet.

The lateral branch in Franklin and Gilmor streets, from Calhoun street to Edmondson avenue, has been completed; it is of cast-iron pipe twenty-four inches in diameter. It is 802 feet long in Franklin street, with a grade of $4\frac{97}{100}$ feet per 100 feet, and 445 feet long in Gilmor street, with a grade of $1\frac{28}{100}$ feet per 100 feet, a total of 1,247 feet. The depth of the excavation averaged ten feet and was mostly through running sand which had to be carefully timbered.

There have been constructed two inlets at Stricker and Franklin streets; two at Gilmor and Franklin streets, and two at Gilmor street and Edmondson avenue; also four manholes.

The lateral branch in Saratoga and Gilmor streets, from Calhoun to Mulberry street, has been commenced, but owing to the bad weather, operations have had to cease for the present.

There remain to be constructed of the main sewer 900 feet in Calhoun street, 387 feet in Lanvale street, 1,628 feet in Stricker street, making in all 2,915 feet of sewer varying in size from five feet nine inches to three feet six inches. There also remain the following lateral branches: One in Lanvale street, from Stricker to Gilmor street, with two branches; the one south in Gilmor street to Harlem avenue, and the other north in Gilmor street to Lafayette avenue, having a total length of 1,210 feet. One in Winchester street, Parrish alley and Patterson avenue, from Stricker to Gilmor street, about 651 feet long; one in Stricker street, from Winchester street to Patterson avenue, about 375 feet long.

There will also be a short section in Edmondson avenue, from Woodyear alley to the intersection of Calhoun street and Edmondson avenue, to connect with the old sewer in Calhoun street.

Up to the point this work has been completed, by the time the season arrives in which we have heavy rain storms, it will be in such a condition as will furnish a considerable portion of the much needed relief from floods from which this district has always suffered.

Bush Street Sewer.

Work has been commenced on this sewer at two points along its line.

The first section has been commenced in the bed of Bush street, at the head of Ranstead's dock, at the headwaters of the middle branch of the Patapsco River.

The second section has been commenced at a point in the bed of Bush street, 93 feet south of the south curb line of Washington avenue.

In the first section, excavation has been made in open cut, forty feet wide, to an average depth of ten feet, from the head of Ranstead's dock to the south side of Ridgely street, a distance of 420 feet.

In order to get a secure foundation on which to construct this sewer, it was fonnd necessary to drive five hundred and four piles in the distance of 218 feet, to an average depth of thirty-three feet below the grade of the sewer.

Eight rows of 12x12 inches timber sills are laid parallel with the centre line on the piles, and bolted thereto. To these sills the timber platform, thirty-nine feet wide, of Georgia pine, 12 inches wide by 6 inches thick, is bolted. The platform is laid for a distance of 175 feet.

As the excavation at the outfall of the sewer is forty-five inches below mean low tide, it was necessary

to build a coffer dam to keep back the water from the dock.

Owing to the heavy flow of water from springs and other sources, into the trench, it was necessary to have two steam pumps working constantly, to keep it clear so as to successfully prosecute the work.

In the second section, commencing at a point ninety-three feet south of the south curb line of Washington avenue, owing to the height of the bed of Carroll's Run (being about seven feet) above the grade line of the sewer, at the point where this section was to be commenced, it was necessary to lower the bed of that run for a distance about of 800 feet to the south, so as to permit of proper drainage of the ground, before the excavation could be commenced. After this had been done, excavation in open cut was made, twenty-nine feet wide, with an average depth of seventeen feet, for a distance of 117 feet to a point six feet north of the centre of Washington avenue.

On account of the very severe freezing weather we are having, operations on both of these sections have been suspended.

The sewer is to be constructed as follows :

First section, twenty-five feet wide by nine feet high, 2,196½ feet in the bed of Bush street to the north side of Sassafras street.

Second section, nineteen feet wide by ten feet high, 1,103½ feet to the north side of Washington avenue.

Third section, seventeen feet wide by ten feet high, 336½ feet in the bed of Bush street, to the south continuation of Calhoun street, thence 545½ feet in Calhoun street to Herkimer street, thence 687¾ feet in the bed of Herkimer street to Wooster street, and thence 157⅙ feet in the bed of Wooster street to connect with the old Schroeder's Run sewer south of the Baltimore and Ohio Railroad bridge over Carey street, making a total of 5,027 feet of sewer, with an average grade of six inches per 100 feet, to be constructed.

Penn Street Sewer.

This sewer is being constructed from the present Chatsworth Run sewer in the intersection of Fremont street and Columbia avenue, in the bed of Penn street, and will be connected with the newer portion of Chatsworth Run sewer between Portland and Dover streets.

It being necessary to make the connection of this sewer with the present Chatsworth Run sewer in the intersection of Fremont street and Columbia avenues simultaneous with the newly constructed portion of Chatsworth Run sewer between Portland and Dover streets, the work was commenced in the bed of Penn street at a point 33 feet north of the northeast curb line of Fremont street.

An excavation twenty-eight feet wide, with an average depth of ten feet, has been made to the south building line of Haw street, a distance of 307 feet.

Owing to the character of the soil in the greater portion of the bottom (it containing a great amount of mica), it was found necessary to put in a bed of concrete nine inches deep, so as to get a solid foundation for the granite block bottom, and even a greater depth for the foundation of the abutments. The sewer will be 777 feet 11 inches in length, with an average grade of seven hundred and sixty-four thousandths feet per 100 feet.

The sewer has been completed for a distance of 262 feet.

An opening in Fremont street just north of Columbia avenue has been made into the present Chatsworth Run sewer, and a box inserted of sufficient size to carry off all water from the new Penn Street sewer now being constructed, caused by rain or otherwise.

This sewer is being constructed as follows: The bottom of granite blocks is laid on a bed of concrete in the best Portland cement, and has the shape of an inverted arch, rising six inches from the centre to the abutments. The foundation walls are constructed to a depth of two feet below the top of the blocks, and are four feet ten inches in thickness. They are built of good rubble stone, laid in American hydraulic cement. The abutments are constructed four feet ten

inches thick, and two feet six inches high from the top of blocks to the spring line of the arch. They are built of good rubble stone, laid in American hydraulic cement, and the stone dressed to show on the face six and one-half inches above the blocks. To save dressed stone and present a smoother surface to the water, two courses of bricks were built in the face of the abutments from the top of the dressed stone to the spring line of the arch, to a height of one foot six inches.

The arch is semi-elliptical of four rings of bricks, eighteen inches thick, laid in the best American hydraulic cement. The arch is backed up with sufficient rubble masonry to sustain it.

The sewer is eighteen feet wide, and in the centre, seven feet three inches high, to intrados of arch.

Fulton, Eagle and Monroe Streets Sewer.

Fulton street not being opened farther south than the Baltimore and Ohio Railroad Company's tracks, it was necessary to get the right of way across and through the company's property. This right of way was granted by the company, and the sewer was constructed from a point in Ohio avenue, south of the Railroad Company's tracks and 74 feet east of the northeast corner of Carroll Park, in a southwesterly direction, 368 feet in Ohio avenue to a point on the south side of the Railroad Company's tracks; thence northwesterly under the said tracks to Fulton street;

thence north in Fulton, west in Eagle and north in Monroe streets to Ramsay street.

The construction of this work was troublesome and difficult, as about forty feet of the small brick sewer, three feet three inches in diameter, belonging to the Baltimore and Ohio Railroad Company (which could only discharge a portion of the drainage which comes from the north of the said company's tracks down Fulton street), had to be torn out, it being in a bad condition and entirely too small, and also in the way of the new sewer.

This three feet three inches sewer was connected with the new sewer about 195 feet southwest of its outfall.

It was necessary to construct stone wing walls and a timber apron at the outfall of this sewer, to prevent the great volume of water discharging through it in time of a heavy rainfall from undermining its foundation.

These wing walls and apron are fifteen feet in length and nine feet in width in the clear. Under the east end of each of these wing walls, piers four feet six inches deep by five feet long and four feet six inches wide, were built up to a point eight feet four inches below the grade of the sewer. These piers were constructed to prevent the water overfalling from the apron cutting under the foundations of the wing walls. From the top of these piers the wing walls, four feet

six inches thick at the bottom, were built up eight feet four inches high and three feet six inches thick, to a point on a level with the grade of the outfall of the sewer. From this point the wing walls were stepped back to within four feet of the parapet wall, which is two feet above the top of the sewer. This parapet wall is built on a base, having a width of fifteen feet three inches and a thickness of four feet six inches; it is two feet thick, two feet high and twelve feet three inches wide. These walls are all of good rubble masonry, laid in the best American hydraulic cement.

Six feet four inches below the grade line of the sewer, stringers for the apron floor, 6x8 inches, were laid at right angles to the line of the sewer, and built in the walls twelve inches. Upon these stringers two thicknesses of flooring were laid and spiked down, the one breaking the joint of the other; the first was 2x12 inches and the second or top one 3x12 inches. All this lumber was of the best Georgia pine.

The drop from the outfall of the sewer to this apron is six feet below the grade line of the sewer.

An opening six feet wide by two feet six inches high was left in the north wing wall, through which the water discharges from a large drain box, from under the Baltimore & Ohio Railroad Company's tracks.

The construction of that portion of this sewer, for a distance of 137 feet, under the fourteen tracks of the

Baltimore & Ohio Railroad Company, with heavy trains constantly passing over them, was difficult and dangerous. Excavation was made to an average depth of twelve feet below the tracks. This work had to be done the same as by tunnel, and timbered in the same manner. It was accomplished without accident.

The main section of this sewer in Ohio avenue, Fulton, Eagle and Monroe streets, having a total length of 2,106 feet and varying in diameter from five feet nine inches to four feet, has been completed.

There have been constructed eight manholes, about equal distances apart, and thirteen inlets into the sewer, built at the different street intersections along the line of it.

The invert to the height of one-fourth of the diameter of the sewer, consists of granite blocks, nine inches deep, laid in Portland cement. The balance of the invert and the arch are of brick, two rings, nine inches thick, laid in the best American hydraulic cement.

Where necessary in bad ground, the invert was built in a cradle of rubble masonry, and the arch backed up with the same material to sustain it.

The following table furnishes the lengths, internal diameters and grades of the various sections of this sewer as far as completed:

Sections.	Length in Feet and Inches.	Diameter in Feet and Inches.	Grades per 100 Feet.
No. 1 straight	344 9	5 9	1.964
No. 1 curve..	41 7	5 9	1.964
No. 1 straight	185 10	5 9	1.964
No. 1 curve..	31 0	5 9	1.964
No. 1 straight	218 3	5 9	1.964
No. 1 curve..	62 10	5 9	1.964
No. 2 straight	411 3	5 0	1.75
No. 2 curve..	62 11	5 0	1.90
No. 3 straight	379 2	4 6	1.90
No. 4 straight	367 11	4 0	1.90

Wolfe Street Sewer.

This sewer has been constructed in the bed of Wolfe street, from a point where it connects with the three feet in diameter sewer in the intersection of Wolfe street and Fairmount avenue, to the north side of Jefferson street, a distance of 1,318 feet, with an average grade of 1.60 feet per one hundred feet.

The character of the soil in the bottom of the trench for a distance of 1,088 feet, was hard clay, requiring no stone cradle; the remainder of the distance, 230 feet, being in soft material, it was necessary to construct a cradle of rubble stone masonry to receive the brick work.

The average cut in excavation was nine and one-half feet.

The sewer is circular in shape, three feet in diameter, and consists of two rings of brick nine inches thick, laid in the best American hydraulic cement.

There were three manholes and nine inlets built at the required points along the line of the sewer.

Hoffman Street Sewer—A Branch of Jenkins Run Sewer.

This sewer is being constructed from a point in the west side of Jenkins Run sewer, on the south side of the Union Railroad Company's tracks; thence through the company's property, in a line that would be the south building line of Hoffman street, if projected west from Greenmount avenue, until it intersects the west curb line of said avenue; thence deflecting northeasterly to the intersection of the curbs at the southeast corner of Greenmount avenue and Hoffman street. From this point it will be continued easterly, with a slight deflection in the bed of Hoffman street, to the east side of Homewood avenue.

It was connected with an opening and a drop or stone shaft constructed in the Jenkins Run sewer at the time it was built, and the same is eighty-five feet west from the west building line of Greenmount avenue.

From this connection, heretofore mentioned, the sewer is constructed for the distance of sixty-four feet

with a grade of three feet per one hundred feet, to a stone shaft, four feet square, with a vertical rise of twelve feet six inches.

At the bottom of this shaft is placed a cast-iron invert one and one-half inches thick, four feet in diameter and six feet long. On this, four feet from the back end, is placed a cast-iron hood or arch collar, four feet in diameter and two feet long.

The sides and ends of this shaft are lined with rubble stone masonry to a uniform thickness of three feet. In the east wall of this shaft three stone steps are placed, the first with a rise of six inches and a tread of one foot two inches, whilst the other two have a rise each of one foot and a tread of one foot two inches and one foot six inches respectively.

From this point the sewer was constructed of the same size and with the same grade for the distance of thirty-four feet four inches to a point under the west sidewalk of Greenmount avenue to another cast-iron invert and stone shaft with a vertical rise of nine feet; it was constructed upon the same plan and of the same dimensions as Drop No. 1.

It has two stone steps built in the west wall, one with a rise of six inches and the other one foot, and a tread of one foot two inches and one foot six inches respectively.

Above each of these shafts a manhole was built to the surface.

The sewer was then constructed of the same size and with a grade of 2.33 feet per one hundred feet in the bed of Hoffman street, for a distance of 239 feet 8 inches, making in all 338 feet of completed sewer.

The sewer between these drops is built in a cradle of rubble stone masonry laid upon a concrete foundation, and it is also constructed in like manner easterly from Drop No. 2 to the point where it intersects the spandrel wall of the Union Railroad tunnel near the east curb line of Greenmount avenue.

It was necessary, in constructing these sections of sewer from the outfall into Jenkins Run sewer to the above intersection, to make the foundation for the same strong and substantial, on account of the character of the material, which was made ground, and also because there was a difference in elevation of twenty-one feet in a distance of ninety-eight feet. From this point easterly it was built in a cradle of rubble stone masonry on the south edge of the south spandrel wall of the Union Railroad tunnel.

The sewer is circular in shape, four feet in diameter; the invert to the height of one-quarter of the diameter consists of granite blocks laid in Portland cement; the balance of the invert and the arch are of brick, two rings nine inches thick, all laid in the best hydraulic cement.

Federal Street Sewer—A Branch of Jenkins Run Sewer.

This sewer has been constructed from a point in Federal street, now known as Girard avenue, just west of Carter alley, thence westerly in the bed of Federal street for a distance of 180 feet to the east curb line of Barclay street, thence by a curve to the north with a radius of twenty feet for a distance of 31¼ feet to a point two feet six inches north of the north curb line of Federal street, making a total distance of 211¼ feet. At the point where this sewer was commenced, an opening and drop had been constructed in Jenkins Run sewer at the time it was built.

Through this drop or stone shaft, which is four feet square, with a vertical rise of eight feet four inches above the bottom, the drainage from the Federal Street sewer will discharge into the Jenkins Run sewer.

The excavation for this sewer was in made ground, and the depth of the cut was from ten to sixteen feet. In consequence of having this character of material, a cradle of rubble stone masonry was built to receive it.

The sewer is circular in shape three feet in diameter, and built in the cradle of masonry heretofore mentioned. The invert to the height of one quarter of the diameter consists of granite blocks nine inches deep laid in Portland cement. The balance of the invert and the arch is of brick, two rings nine inches thick, the arch being backed up with sufficient stone masonry to sustain it.

One inlet was built in Carter alley and two in Federal and Barclay streets; two manholes were also constructed along the line of it.

The sewer should be constructed one square farther north in Barclay street to Lanvale street.

The following are the resolutions of the Mayor and City Council, authorizing the reconstruction and trapping of old inlets:

Resolution No. 88, of March 28th, 1892, to repair and trap the two inlets on the corner of High alley and Central avenue, and the two on the corner of Jackson street and Central avenue.

Resolution No. 90, of March 28th, 1892, to reconstruct and trap inlet at southeast corner of McMechen street and Foster alley.

Resolution No. 136, of May 4th, 1892, to construct two side inlets and one corner inlet, with their connections, into the sewer at Eden and Orleans streets.

Resolutions Nos. 137 and 142, of May 4th, 1892, to reconstruct and trap the old inlets on the north and south sides of Cross street, between Race and Charles streets, and both sides of Hanover street, north and south of Cross street.

Resolutions Nos. 47 and 169, of March 9th and October 1st, 1892, to construct the necessary inlets to the

old sewer in the bed of McHenry street, from Payson to Bentalou street.

Resolution No. 83, of March 22d, 1892, to reconstruct, enlarge and trap the old inlets at the intersection of Caroline and Madison streets.

Resolution No. 89, of March 28th, 1892, to reconstruct and trap inlets to sewer north and south sides of Lombard street, west side of Schroeder street.

Resolution No. 91, of March 28th, 1892, to reconstruct and trap inlet at southwest corner of Arch and Raborg streets.

The work under these resolutions has all been completed except a small portion which the severe freezing weather, coming so unexpectedly, prevented us from doing.

It will be completed as soon as the weather permits.

Respectfully submitted,

CHARLES P. KAHLER,

Assistant City Commissioner.

REPORT OF A. LESLIE DUVALL, ASSISTANT CITY COMMISSIONER.

STREETS GRADED, PAVED AND RE-PAVED.

JANUARY, 1st, 1893.

Park Avenue Extended—Reservoir Street to Druid Hill Park Entrance.

Ordinance No. 110. Approved May 31, 1890.

	1891.
Appropriated	$8,634 51
Paid	5,741 60
Balance	$2,892 91

This work was begun November 25, 1891, under the direction of my predecessor, Mr. Newton M. Gray, and completed under my direction October 20, 1892. It was designed to curb and park this avenue and pave the gutters four feet wide. The entrance was afterwards paved with cobblestones from Mount Royal avenue to the end of the present park. I would recommend that this avenue in the next season be paved with vitrified brick of the very best quality, laid in a sand cushion, as there will be no heavy vehicles to pass over this portion; it is used mainly by pleasure carriages; the expense would be less, such a pavement would stand the traffic of the character of the vehicles which would pass over it.

Patapsco Street from West Street to Rope Walk Lane, to Grade, Curb and Pave.

Resolution 212. Approved October 25, 1892.

Appropriation	$500 00
Amount expended	471 26
Balance	$ 28 74

Etting Street, Robert Street to Lawrence; Curbed Both Sides, done by Labor Gangs.

Ordinance No. 103. Approved October 15, 1892.

Appropriation	$300 00
Amount expended	000 00
Balance	$300 00

Ferry Point Bulkhead and Road, from Light Street Bridge to Marshall Street—Bulkhead 1,030 *Feet Long.*

This work was begun August 8, 1892, and the timber bulkhead has been completed and paid for. The grading of the road is not quite finished, owing to the difficulties in trestling the present electric railway—The Baltimore & Curtis Bay Railroad.

Appropriation	$15,000 00
Amount expended	12,770 98
Balance	$ 2,229 02

I earnestly request that the balance be re-appropriated, as I believe it will be sufficient for the completion of the work.

The following is the list of streets to be paved and re-paved with improved pavements—sheet asphalt, asphalt blocks, granite blocks and vitrified bricks.

Broadway, from Canton avenue to Preston street sheet asphalt. Ordinance No. 8. Approved February 17, 1892.

Appropriation	$225,000 00
Amount expended	182,475 55
Balance	$ 42,524 45

This work was begun June 6th, 1892, and completed December 16th, 1892. The length was 7,544 feet. One square of this street, viz., from Baltimore street to Fairmount avenue, was laid in vitrified bricks on a concrete foundation and a cushion of 2½ inches in sand. The bricks were covered with fine stone dust swept into the crevices, and the bricks were laid at an angle of sixty degrees, with the axis of street so as to avoid all chance of becoming corduroyed. If there is any virtue in vitrified bricks, this sample will certainly show its capacity for constant traffic in any class of work. The grade being very steep, it was not deemed advisable to put in a smooth pavement like sheet asphalt.

Broadway.

Sheet asphalt paving.....	51,739.29	square	yards.
Vitrified bricks.....	1,993.68	"	"
Granite blocks	413.76	"	"
Total paving.....	54,146.73	"	"

The asphalt over all Broadway, as well as all other streets, was subject to the most rigid inspection. One, and afterwards two, inspectors were on the ground constantly, from the beginning of the work in the morning until the close at night. All work done during the day was measured up in regard to the kerbing, granolithic gutters, concrete base, cushion coat or binder and surface coat; all asphalt material was tested by a thermometer as to the temperature when delivered on the work. If found to exceed or fall below the general average of temperature required by the specifications, the material was condemned. The depth of the cushion coat or binder and the surface coat was determined by an instrument especially constructed for the purpose, and in all cases the amount of material deposited has come fully up to the standard required, and in many instances above it. This street I looked upon as the grand boulevard of Baltimore and exercised the utmost care in determining the grades and crown of all portions of the street, and adjusted the granolithic gutters so as to take off the flow of water as rapidly as possible, as the co-efficient of friction in the said gutters amounts to about .08 per cent.

The work has been done, I believe, honestly and fairly on the part of the contractor, and entirely to my satisfaction.

Eutaw Street, from Madison Avenue to Dolphin Street.

Asphalt blocks. Ordinance No. 10. Approved February 18th, 1892.

There has been no work done on this street yet, but all the kerbing has been delivered on the street by the Maryland Paving Company, and the contractors will be ready about the first opening of spring to carry on the work.

Estimated cost	$29,200 00
Amount exdended	86 00
Balance	$29,114 00

Columbia Avenue, Paca Street to Bush Street.

Granite block pavement. Ordinance No. 12. Approved February 23, 1892. Work begun May 30, 1892; finished December 14, 1892.

Estimated cost	$89,000 00
Amount expended	87,471 36
Balance	$1,528 64

The work on this street was carried on with great difficulty, owing to the constant flow of water and bad

weather in the beginning of the work, but it was finally completed inside of the estimated cost.

Pennsylvania Avenue, from Franklin Street to North Avenue.

Granite block pavement. Ordinance No. 13. Approved February 23, 1892.

The work was begun on August 8, 1892, and closed December 23, 1892. This street was worked in three divisions, beginning at Franklin street working north, and Gold street working southeasterly, and Gold street working northwesterly. The work is equivalent to 3,859 linear feet of street paved, which is more than half of the work to be done, making 17,800 square yards of paving. All the kerb has been delivered on the street and paid for, and within about 150,000 blocks necessary to finish this street are now distributed on the ground.

Appropriation	$128,500 00
Amount expended	69,703 16
Balance	$58,796 94

Lafayette Avenue, from Eutaw Place to Fulton Avenue.

Ordinance No. 16. Approved February 23, 1892. Asphalt blocks. Work begun April 12, 1892, and completed October 26, 1892.

Estimated cost	$86,500 00
Amount expended	81,489 44
Balance	$5,010 56

The paving of this street was a much needed improvement, and now gives a smooth and elegant drive from the park, by way of Eutaw Place to Fulton avenue, and thence to the park again. Some of the grades are steeper than I would recommend for pavements of this class, and I believe that on such steep grades as from Carrollton avenue to Carey street and other places, from Pennsylvania avenue to Argyle avenue, &c., a pavement of vitrified brick or of granite blocks would be preferable and safer.

West Lexington Street, from Pearl Street to Fulton Avenue.

Ordinance No. 17. Approved February 23, 1892.

Begun August 29, 1892, and is now completed within a few feet of the east side of Mount street, leaving but one square and the intersection of Mount street to be completed. The work was closed December 23, 1892; but there was another attempt made by the contractor to do some work on the first and second days of January 1893; but all work had to be abandoned after that. In this street, as well as Lafayette avenue and other asphalt block streets, granolithic gutters have been used wherever there has been constant drainage, and the results seem to show the wisdom of the selection of such gutters.

Estimated cost	$73,000 00
Amount expended	64,763 27
Balance	$ 8,236 73

South Street, from Baltimore to 46 Feet South of German Street.

Ordinance No. 20. Approved March 8, 1892. Granite block paving.

The work was begun July 25, 1892, and completed August 20, 1892.

Appropriation	$2,600 00
Amount expended	2,500 37
Balance	$ 99 63

This pavement was laid under great difficulties—storms intervening and great difficulty in providing for the flow of water. The gutter at German street had to be remodeled, a new bottom put in, and the constant passing of vehicles across the street interfered very much in the progress of the work; but still it was carried on in a satisfactory manner, and I believe is now as good a piece of pavement as is to be found generally in the City.

Mulberry Street, from Charles to Howard Street.

OrdinanceNo. 21. Approved March 9, 1892. Sheet asphalt.

This work begun May 7, 1892; completed July 6, 1892.

Estimated cost	$15,000 00
Amount expended	12,904 18
Balance	$ 2,095 82

This street was also laid with granolithic gutters, and the gutters at the intersection of Park avenue are of granolithic and covered with granite flags, the intersection of the street being raised and adjusted to suit the finished portion of Mulberry street; the car tracks were raised and the intersection paved with granite blocks.

Hanover Street, from Camden to Hamburg Street.

Ordinance No. 22. Approved March 9, 1892. Granite blocks.

The work was begun October 12, 1892; closed December 23, 1892. There was some difficulty in paving this street on account of the large flow of water, and the fact that the kerb had to be set in many places in concrete or on flags to keep it in place, as it was evidently made ground and washed and settled very rapidly as soon as exposed to the weather. The new six-inch kerb necessary has been delivered on the ground and paid for and enough blocks to pave one square more.

Estimated cost	$45,000 00
Amount expended	10,658 75
Balance	$34,341 25

Calvert Street, from Read Street to Mount Royal Avenue.

Ordinance No. 28. Approved March 19, 1892. Sheet asphalt, excepting the square from the south side of Biddle street to the south side of Preston street, which was already paved with vitrified brick.

The work was begun April 4, 1892, and completed June 2, 1892. This street, as well as other sheet asphalt and block asphalt streets and vitrified brick work, was laid with granolithic gutters.

Estimated cost	$28,000 00
Amount expended	20,478 66
Balance	$7,521 34

Calvert Street from, Madison to Read Street.

Ordinance No. 31. Approved March 31, 1892. Granite blocks.

Work begun November 7, 1892; closed December 23, 1892. This work could not be completed, owing to cold weather and from the fact that the curves of the Baltimore City Passenger Railway Company at Read street were not completed and in position, and the work will have to hold over until the weather permits and until the railway company has completed its work at Calvert and Read streets.

Estimated cost	$6,800 00
Amount expended	4,133 48
Balance	$2,666 52

Fayette and Lexington Streets, from North Street to Calvert Street.

Ordinance No. 34. Approved March 22, 1892. Sheet asphalt.

The work on Fayette street was begun September 28, 1892, and completed December 10, 1892. Lexington street was begun September 28, 1892, and was interrupted by the laying of the tracks of the Lake Roland Electric Railway, on which an injunction has been pending in the courts, suspending operations in regard to the continuation of this work. In Lexington street the curbs and gutters have been set and an iron-covered gutter placed in front of the entrance of Engine House No. 4.

Estimated cost	$10,000 00
Amount expended	3,627 26
Balance	$6,372 74

Chase Street, from St. Paul to Cathedral Street.

Ordinance No. 55. Approved April 9,1892. Vitrified brick.

This work was begun May 2, 1892; completed June 27, 1892. This work was done under contract with the Maryland Fire Brick Company.

Estimated cost	$10,500 00
Amount expended	10,580 34
Deficit	$80 34

Arlington Avenue and Streets around Lafayette Park.

Ordinance No. 60. Approved April 25, 1892. Asphalt blocks.

This work was begun August 17, 1892; completed November 17, 1892. The amount of paving done on these streets was materially increased by paving within the car tracks, as the Traction Railroad and the Central Railroad changed their motive power from horses to electricity, and it was determined to pave the streets between the rails and between the tracks with the improved pavement, as there would not be the constant wear and tear on it as if horses were employed as motive power. This materially increased the estimated cost.

Estimated cost	$14,000 00
Amount expended	17,092 88
Deficit beyond est'd cost	$ 3,092 88

East Baltimore Street, West from Exeter Street to Jones' Falls.

Ordinance No. 64. Approved April 29, 1892. Granite blocks.

The work was begun August 9, 1892, closed December 23, 1892. The work on this street was limited to setting the curb in the proper place on north side of the street and adjusting the inlet near the Baltimore Street bridge to suit the conditions of the new line of curb. The portions of the street between the old and new north curb line has been graded out and temporarily paved with cobblestone. The work was carried on under great difficulty owing to the cold weather, but by the use of coal oil burning over the surface, and taking out the frozen material, and filling in with cinders, we managed to temporarily pave the street with rubble stone so as to make it passable. It remains now for the City Passenger Railway Company to complete their line through that portion of the street, and the new bridge across Jones' Falls to be completed; then the balance of the work can be completed with the setting of the south curb to its proper line and paving the blocks from the railroad tracks to the curb line.

Estimated cost	$12,000 00
Amount expended	2,974 91
Balance	$ 9,025 09

East Lexington Street, from Holliday to Aisquith Street.

Ordinance No. 76. Approved May 4, 1892. Sheet asphalt, and granite blocks.

The work on this street was begun September 1st. The street was recently opened, but there was great delay in getting the old material removed, owing to the failure of the contractor to properly execute his work for removing Odd Fellows' Hall and other buildings in the square between Holliday and Gay streets. There was considerably over twelve thousand yards of grading to be done in the whole street, most of which has now been completed; the balance will have to await the erection of the bridge across Jones' Falls, when the approaches to the bridge can be completed and the street eventually paved. The ordinance requires sheet asphalt joining with the present sheet asphalt pavement on Holliday street, and continuing to the approach to the bridge from west side of Harrison street, whence the street will be laid with granite blocks to Aisquith street. There may be another cause of delay in paving this street, viz., the laying of the tracks of the Baltimore, Highlandtown and Steelton Railway.

All the curb for this street has been delivered and paid for, and fifteen hundred linear feet of curb set and two hundred and fifty linear feet of granolithic gutters laid; 52,800 granite blocks have been delivered on the street and paid for.

Estimated cost	$60,000 00
Amount expended	14,711 75
Balance	$45,288 75

I respectfully recommend that on all streets on which asphalt pavements are to be laid, and where there are heavy grades, that the City Commissioner be given discretion in the ordinances to substitute granite blocks or vitrified bricks on such portions, as the tractive power of a horse reaches his full limit on a three per cent grade on a block or sheet asphalt pavement.

There have been $6\frac{7}{10}$ miles of improved pavement laid during the past year, which is nearly as much as has been laid in the past sixteen years; up to January 1, 1891, there have been about $11\frac{1}{2}$ miles of improved pavements laid in Baltimore City.

I would strongly recommend for steep grades a pavement of rubble stone, the stone to be all of one size, having an area of about sixteen square inches, this stone laid on a sand and gravel foundation, well rammed, joints cleaned out, and joints poured with asphalt cement of the same quality as used in sheet asphalt or asphalt block work. This pavement can be done for about $1.75 per square yard.

I would respectfully suggest in regard to the new survey to be made of the City of Baltimore that the work be done under the direction of the City Commissioner's Department, as the Department is all and thoroughly conversant with all needs and details necessary to successfully carry out such an important work. I append hereto a tabulated statement marked "Table

A," which shows the name of every street in the City that has been paved or is to be paved under existing ordinances with improved pavements. This table gives the number of ordinances, the names of streets from beginning to end, class of work, date of approval, date of beginning, date of completion, length in feet and in miles, appropriation where specified, estimated cost and amount expended and remarks. This table also contains a summary of granite blocks delivered and used in paving. I also append a tabular statement showing amount of old material from the streets and hauled to the several storage lots.

I also submit a tabulated statement marked "B," which gives the estimated cost of streets to be paved with improved pavement, as asked for by His Honor the Mayor and various City Councilmen, the expense to be defrayed from the new Six (6) Million Loan.

I have been ably seconded in my work by a courteous and efficient corps of engineers and superintendents and inspectors.

Respectfully submitted,

A. LESLIE DUVALL,

Assistant City Commissioner.

REPORT OF OLD MATERIAL REMOVED FROM THE STREETS PAVED WITH GRANITE BLOCKS, THE WORK BEING DONE BY DAY'S LABOR UNDER THE DIRECTION OF THE CITY COMMISSIONER.

From Columbia avenue, hauled to the storage lot at Carey street and Columbia avenue and distributed to repairs of paved and unpaved streets in the old city and the Annex:

Cobblestone	6,700 perches.
Flagstones	1,000 square feet.
Old 4-inch curb	10,000 linear feet.

From Pennsylvania avenue, removed from the street and hauled to the storage lot at Winchester and Carey streets and distributed for repairs of paved and unpaved streets in the old City and in the Annex:

Cobblestone	3,200 perches.
Curbing	7,600 feet.
Flagstones	450 square feet.

From Hanover street, removed to storage lot at Hanover and Race streets:

Cobblestones	800 perches.
Old curb	1,100 feet.
Old flagstone	500 square feet.

From Calvert and Read streets, removed to storage lot at East and Low streets for repairs of paved streets:

Cobblestones	180 perches.

Respectfully submitted,

A. LESLIE DUVALL,

Assistant City Commissioner.

TABLE A—*Streets Repaved and to be Paved up to December 31st, 1892, with Improved Pavement.*

No of Ord.	Street or Locality.	From	To	Class of Work.	Date of Approval, 1892.	Date of Beginning, 1892.	Date of Completion.	Length in feet.	Appropriations.	Estimated Cost.	Amount Expended.	Remarks.
8	Broadway	Canton avenue	Preston street	Sheet Asphalt	February 17th	June 6th	Dec. 16th, 1892	7,544		$225,000 00	$182,475 55	
10	Eutaw street	North side Madison	South side Dolphin	Asphalt Blocks	February 18th			2,000		29,200 00	86 00	Not begun.
12	Columbia avenue	West side Paca	Northwest side Bush	Granite Blocks	February 23d	May 30th	Dec. 10th, 1892	5,446		89,000 00	87,471 36	
13	Pennsylvania avenue	North side Franklin	Int. said ave. and North ave.	" "	February 23d	August 8th	Closed Dec. 23d, 1892	7,630	$128,000 00	128,500 00	69,703 16	About one-half completed—3,851 lin. ft.
16	Lafayette avenue	Southwest side Eutaw Place	East side Fulton avenue	Asphalt "	February 23d	April 12th	Oct. 26th, 1892	6,000		86,500 00	81,489 44	
17	W. Lexington street	West side Pearl	East side Fulton avenue	" "	February 23d	August 29th	Closed Dec. 31st, 1892	5,836		73,000 00	64,763 27	Completed all but 400 feet.
20	South street	Baltimore	46 feet south of German	Granite "	March 8th	July 25th	Aug. 20th, 1892	508	2,600 00	2,600 00	2,500 37	
21	Mulberry street	Charles	Howard	Sheet Asphalt	March 9th	May 7th	July 6th, 1892	1,171		15,000 00	12,904 18	
22	Hanover street	South side Camden	North side Hamburg	Granite Blocks	March 9th	October 12th	Closed Dec. 23d, 1892	2,745		45,000 00	10,658 75	Curb and Blocks distributed. About 300 lin. ft. paved.
28	Calvert street	North side Read	South side Mt. Royal ave.	Sheet Asphalt	March 19th	April 4th	June 2d, 1892	2,067		28,000 00	20,478 66	
31	Calvert street	South side Madison	North side Read	Granite Blocks	March 21st	November 7th	Closed Dec. 23d, 1892	386		6,800 00	4,133 48	About 300 lin. ft. paved.
34	Fayette and Lexington streets.	North	Calvert	Sheet Asphalt	March 22d	September 5th	Fayette st., Dec. 10, '92.	630		10,000 00	3,627 26	Fayette street completed and curb set on Lexington st.
55	Chase street	East side St. Paul	East side Cathedral	Vitrified Bricks	April 9th	May 2d	June 27th, 1892	1,045		10,500 00	10,585 34	
60	Arlington avenue	South side Lafayette ave.	North side Lanvale	Asphalt Blocks	April 25th	August 17th	Aug. 22d, 1892	380		5,000 00		
	Lanvale street	West side Arlington ave.	West side Carrollton avenue	" "	April 25th	August 23d	Nov. 17th, 1892	428		4,000 00	17,092 88	
	Carrollton avenue	North side Lanvale	South side Lafayette ave.	" "	April 25th	October 17th	Nov. 17th, 1892	432		5,000 00		
64	East Baltimore street.	West side Exeter	Jones' Falls	Granite "	April 29th	August 9th	Closed Dec. 31st, 1892	720	8,000 00	12,000 00	2,974 91	North curb set. Temporary cobblestone pavement.
76	E. Lexington street	Holliday street	Aisquith	Sheet Asphalt and Granite Blocks	May 4th	September 1st	Closed Nov. 19th, 1892	2,600		60,000 00	14,711 75	All curb delivered. 1,500 lin. ft. curb set. 52,800 blocks delivered. Wooden footways at all cross streets.
									$138,600 00	$835,100 00	$585,656 36	

Granite Paving Blocks delivered by the following Contractors:

Westham Granite Company	290,275
Rockport " "	318,145
Booth Bros	291,827
Campbell & McComber	57,100
John Maxwell's Sons	67,590
Woodstock Granite Company	119,485
W. F. Weller	98,873
	1,243,295

Granite Paving Blocks Distributed as follows:

Columbia avenue	591,809
Pennsylvania avenue	426,279
Calvert street	57,472
South street	25,000
Broadway improvement	42,900
Hanover street	35,785
W. Lexington street	5,850
E. Lexington street	52,800
Mulberry street improvement	4,000
Repair of streets	1,400
	1,243,295

Length of Streets Repaved with Improved Pavements ..... $6\frac{7}{10}$ miles.
Length of streets to be Repaved with Improved Pavements ..... $2\frac{3}{10}$ miles.

Amount available for repaving out of Five Million Loan	$870,061 00
Amount expended	585,656 36
Balance available	$284,404 64

Respectfully submitted,

A. LESLIE DUVALL,

Assistant City Commissioner.

BALTIMORE, December 31st, 1892.

TABLE B.

Estimated Cost of Improved Pavements on the following named Streets, to be taken from the New Six Million Loan, 1893.

Streets.	From	To	Character of work.	Len'th in feet.	Estimated cost.
1 Gough	Broadway	Patterson Park avenue	Sheet asphalt	2,550	$55,000 00
2 Broadway	Preston	North ave.	" "	2,450	65,000 00
3 Baltimore	Broadway	Patterson Park avenue	" "	2,475	55,000 00
4 West	Hanover	Riverside ave	" "	1,675	36,000 00
5 German	Eutaw	Fremont ave	" "	5,391	108,000 00
5 Hollins	Fremont ave	Fulton ave.	" "		
6 Biddle	Cathedral	Broadway	" "	6,648	140,000 00
7 Patterson ave.	Fremont.	Fulton ave.	" "	2,545	53,000 00
8 Calhoun	Hollins.	Cumberland	" "	7,731	167,000 00
9 Pearl	Baltimore	Saratoga	" "	1,320	33,000 00
10 Patterson P'k avenue	Baltimore	Eastern ave.	" "	2,150	36,000 00
				34,935	$748,000 00

TABLE B—Continued.

Streets.	From	To	Character of work.	Len'th in feet.	Estimated cost.
11 Charles	Barre	To the water	Granite blocks.	8,375	$160,000 00
12 Paca	Camden	Druid Hill ave ..	" "	4,475	95,000 00
13 Druid Hill ave.	Paca.	North ave.....	" "	6,425	100,000 00
14 Frederick ave.	Gilmor	Garrison lane ...	" "	4,731	108,000 00
15 Frederick "	Gilmor	Bentalou.	" "	3,137	71,000 00
16 Fort ave.	Hanover	Fort McHenry ..	" "	10,520	200,000 00
17 Charles	North ave.....	Huntingdon ave.	" "	2,400	60,000 00
18 Maryland	North ave.....	Huntingdon ave.	" "	2,400	60,000 00
19 Cross	Columbia.	Hamburg.	" "	1,275	35,000 00
20 Cross	Hamburg	Charles.	" "	4,475	118,000 00
21 Pratt.....	Jones' falls	Frederick road. .	" "	13,266	275,000 00
22 Light.	Pratt.	Hamburg.	" "	3,088	70,000 00
23 Read.	Calvert.	Cathedral.....	" "	1,140	22,000 00
24 Bank.	Central ave	East'n City limits	" "	5,325	133,000 00
25 Canton ave. ..	Broadway	East'n City limits	" "	6,075	144,000 00
26 Aliceanna. ...	Jones' falls	East'n City limits	" "	8,975	217,000 00

27 Greene.....	Columbia ave. ..	Franklin	Granite blocks	3,590	95,000 00
28 Boston	Chester.	East'n City limits	" "	5,210	105,000 00
				94,882	$2,068,000 00
Less Estimate	No. 15 (Frederick	avenue).	.....	3,137	71,000 00
				91,745	$1,997,000 00
29 CALHOUN	Hollins	Harlem.	Alphalt blocks	3,400	$72,000 00
30 Stricker	Harlem ave.	Patterson ave. ..	" "	2,375	46,000 00
31 Carrollton ave	Hollins	Lanvale.....	" "	3,675	75,000 00
32 Harlem ave...	Fremont ave	Fulton ave.	" "	3,450	70,000 00
33 Fulton ave. ..	Baltimore	Wilkens ave	" "	2,100	40,000 00
				15,000	$303,000 00
34 Carey.	Columbia ave. ..	Harlem ave.	Old granite blocks on concrete..	6,650	$120,000 00
35 St. Paul.....	Eager	North ave.....	Vitrified brick	3,750	$70,000 00

TABLE B—Concluded.

SUMMARY.

Sheet asphalt	$748,000 00
Granite blocks	1,997,000 00
Asphalt blocks	303,000 00
Old granite blocks on concrete	120,000 00
Vitrified bricks	70,000 00
	$3,238,000 00
Less Estimate No. 29 (Calhoun street)	72,000 00
Total cost	$3,166,000 00

Total length in miles ..... 28⅛ miles.

Respectfully submitted,

A. LESLIE DUVALL,

Asst. City Commissioner.

CAPT. A. E. SMYRK,

City Commissioner.

DEAR SIR:

I respectfully submit the following statement in reference to work done under my supervision during the year 1892.

INLETS ON ANN, BARNES AND OTHER STREETS.

Cellars in the locality of Ann street, south from Gay street to Barnes street, and Barnes street from Ann street to Broadway, have been subjected for several years past to overflow from the gutters during heavy storms. There being sufficient sewer capacity, it only remained to increase the number of inlets to remedy the trouble. Hence there were built along the above-named streets, eleven new inlets, nine remodeled and three repaired.

Amount of appropriation	$7,000 00
Expended	5,048 26
	$1,951 74

IMPROVEMENT HARFORD RUN.

It was found upon close inspection that several arches along the lines of Harford Run sewer had settled and were badly cracked. It was considered necessary to immediately repair them. Also, since the completion of the Harford Run sewer, streets have been graded and paved adjacent to the sewer, thus en-

abling your department to build several inlets in connection therewith.

There were 210 feet of brick arch taken out and rebuilt. One inlet was built on Abbott street, near Bond street. One large inlet on Bond street, opposite Abbott street. Sunk shaft and built one inlet at Monument street and Port alley. Put in three manholes to pipe, sewer on Hudson street, between Patapsco and Luzerne streets. Built two inlets and manhole at Wolfe and Oliver streets. Built six inlets and two manholes and repaved street intersection at Townsend and Chester streets.

Expended..... ..... $10,493 89

LAYING DRAIN PIPE ON EAST BALTIMORE STREET.

Resolution No. 167 authorized the laying of a drain pipe on East Baltimore street, east of Patterson Park avenue, the object being to abate a nuisance. There were 1,350 linear feet of 15-inch terra cotta pipe laid.

Appropriation.... .... $1,000 00
Expended..... ..... 1,000 00

REPAIRS TO SEWERS.

Under this head some wooden boxes were constructed at Wolfe and Townsend streets; also small inlet on Patterson Park avenue, near Baltimore street.

Expended..... ..... $492 10

CROSS STREET SEWER.

This sewer was begun in December, 1890, and completed in July, 1892. It drains fifty-one acres lying within Light and Johnson streets on the west and east, and Montgomery and Clement streets on the north and south.

Beginning at the harbor at the foot of Cross street, the sewer is built in the bed of Cross street to Light street, where it branches northward to Warren avenue, and southward to West street. For a distance of 245 feet from the harbor, the foundation rests upon piles driven to the average depth of 27 feet below midtide, these being capped with 10x12-inch Georgia pine, and floored with 6-inch material of the same kind, forming bottom of sewer. This portion of the sewer, owing to the low street surface, was constructed with semi-elliptical arch of 8 feet span and 2½ feet rise, with 1½ feet side walls, making a section 8 feet in width by 4 feet in height.

From the end of this section the sewer is circular in shape, with a diameter equal to 5 feet 9 inches, and is thus continued for a distance of 1,900 linear feet. Of this, 200 linear feet was in open cut and 1,700 feet in tunnel. Two shafts, one 8x16 feet, 48 feet in depth, and one 8x12 feet, 42 feet in depth, were sunk to facilitate the work of the tunnel. The following table will show the sizes and lengths of each section:

	Dimensions.	Linear feet.
Open cut	8x4 feet,	245
" "	5 ft. 9 in. diam.	201
Tunnel	5 ft. 9 in. "	1,700
Open cut	4 ft. "	1,133½
Total length		3,279½

In connection with this sewer there were built eighteen inlets, two on Cross street below Belt street; two on Cross street near Light street; two on Light street south of West street; two on West street east of Light street; two at Weber street; two at northeast and southeast corners Light and Cross streets; two at Hamburg street; two on Light street north and south of Warren avenue, and two on Warren avenue.

Names of Contractors and Prices for Materials Used in Cross Street Sewer.

Young O. Wilson Brick Co., hand made brick, $9.00 per thousand.

Young O. Wilson Brick Co., machine made brick, $8.50 per thousand.

John G. Schwind, rubble stone, $1.74 per cubic yard.

S. M. Hamilton & Co., Portland cement, $3.00 per barrel.

C. C. McColgan Co., Rosendale cement, $1.15 per barrel.

P. M. Womble, Georgia pine, $24.00 per thousand feet.

P. M. Womble, Virginia pine, $13.00 per thousand feet.

Benjamin Kepner, sewer blocks, $2.10 per square yard.

Guilford & Watersville Granite Co., sewer blocks, $105.00 per thousand.

Appropriation	$31,642 22
Expended	$19,837 55
Transferred to account for Eden Street sewer	$11,804 67

BRIDGES, ROADS, ETC., IN THE ANNEX.

The following statement refers to work done by special ordinances or resolutions:

Slingluff avenue, graveled from Myrtle avenue to Liberty road.

Appropriation	$400 00
Expended	396 17
Balance	$ 3 83

Augusta avenue, repaired with rotten rock from Frederick turnpike to Old Frederick road.

Appropriation	$350 00
Expended	345 80
Balance	$ 4 20

Lombard street, shelled and ditches opened from Garrison lane to Catherine street.

Appropriation	$400 00
Expended	390 34
Balance	$ 9 66

Old Frederick road, Macadamized with crushed negro-head stone from Frederick turnpike to west boundary of the Monastery.

Appropriation	$1,000 00
Expended	995 87
Balance	$ 4 13

Millington avenue, macadamized with crushed negro-head stone, from Frederick turnpike to Wilkens avenue.

Appropriation	$ 500 00
Expended	496 20
Balance	$ 3 80

Carroll street, graded, and 481 linear feet of gutter paved.

Appropriation	$ 500 00
Expended	469 11
Balance	$ 30 89

Third avenue, 1133 linear feet of gutter paved; inlet rebuilt, and the bed of the avenue partly macadamized. This work was left in an unfinished state in consequence of the severe cold weather.

Appropriation	$1,000 00
Expended	752 75
Balance	$ 247 25

Fulton avenue, graveled from North avenue to Druid Hill avenue.

Appropriation	$1,000 00
Expended	962 78
Balance	$ 37 22

Loudon avenue, shelled and ditches opened from Frederick turnpike to Old Frederick road.

Appropriation	$ 400 00
Expended	392 55
Balance	$ 7 45

Wilkens avenue, macadamized with broken stone, from Gwynn's falls to western City limits.

Appropriation	$ 600 00
Expended	596 45
Balance	$ 3 55

Park Heights avenue, repaired with rotten rock from gate to western City limits.

Appropriation	$	500 00
Expended		491 40
Balance	$	8 60

Rayner avenue, paving repaired.

Appropriation		450 00
Expended		443 72
Balance	$	6 28

Falls road, macadamized from a point near first crossing of the Baltimore and Lehigh R. R. tracks to the Mount Vernon Mills, with the exception of a short piece of road adjacent to the new power house of the Lake Roland Elevated Railway Company, now under construction.

Appropriation	$5,000	00
Expended	4,975	51
Balance	$ 24	49

One more appropriation of $5,000.00, I think, would put the Falls road in good condition from Hampden, or possibly, from the City boundary.

By resolution No. 78, $5,000 was appropriated to improve Jackson, Washington, Taylor and Harrison streets. Jackson, Taylor and Harrison streets were all

graded ; also a part of Washington street. One new stone culvert, 3½ feet by 4 feet., 70 feet long, was built across the bed of Jackson street ; also an old culvert, 3 feet by 3½ feet, 54 feet long, was rebuilt across Jackson street; all the side gutters were connected with culverts by terra cotta pipes. There were removed from the beds of Jackson and Taylor streets, 4,392.55 cubic yards of earth, by William A. Hare, contractor, at 30 cents per cubic yard, which was used to make the fills in the beds of Harrison and Washington streets. 2,875 linear feet of new gutters were paved, 24 feet of 18-inch, 70 feet of 15-inch and 40 feet of 12-inch terra cotta pipes, were laid in connection with inlets and road crossings.

With the exception of a distance of about 200 feet, Jackson street, from the Harford road to Taylor street, has been surfaced with stone and oyster shells. Taylor street, from Jackson street to Gorsuch avenue, has been partly covered with stone and entirely covered with oyster shells. By the filling in of the gap in Jackson street, referred to above, there will be a new highway opened between the Harford road, Gorsuch avenue and Taylor street, thus avoiding the heavy grade on Gorsuch avenue between Harrison and Taylor streets.

Appropriation	$5,000.00
Expended	4,942.71
Balance	$ 57.29

WORK DONE OUT OF GENERAL APPROPRIATION FOR ROADS AND BRIDGES.

Edmondson avenue, repaired from Gwynn's falls to City boundary.

Windsor Mill road, repaired from Calverton road to Franklin turnpike.

Morris avenue, from Calverton road to Franklin turnpike.

Townsend street, from Baltimore and Ohio Railroad to Albert street.

Garrison avenue, from Oakford avenue to Liberty road.

Wylie avenue, from Reisterstown turnpike to City boundary line.

Union avenue, partly repaired with negro-head stone; paved two hundred linear feet of gutter.

Culvert repaired on Old Liberty road.

Repaired the northwest end of Old Liberty road with broken negro-head stone.

Abutment of bridge over Peck's branch, on Slingluff avenue, repaired.

Tenth street, repaired from Boundary avenue to Highland Park Hotel.

Myrtle avenue, repaired from Tenth street to Slingluff lane.

North avenue, repaired with shells, from City limits to Slingluff avenue.

Old York road, gravelled, repaired and ditches opened its entire length to the City limits.

Macadamized, opened ditches, etc., Hillen road,

Repaired Erdman avenue, Brehm's lane, Quaker lane, Jenkins' lane, Jefferson street, Gorsuch avenue, Tinges' lane, Calvin avenue, Barclay street.

Put in wooden box on Independence street.

Repaired culvert on Eleventh street.

Opened ditches, and repaired Liberty street and Republic street.

Gravelled Huntingdon avenue.

Paving repaired in Second street.

Repaired and opened ditches, Waverly avenue and Gilmore lane.

Put in box, Wilson street.

Repaired and opened ditches, Merryman's lane, Oxford avenue, Reece street, St. Clair lane, Mine Bank lane, Twenty-third street, St. Paul street, Cedar avenue.

Paved gutters on Fourth street and Cedar avenue.

Repaired culvert, Quaker lane.

Gravelled and opened ditches on Hickory avenue and Roland avenue, also paved gutters on Roland avenue.

Graded and repaired and put in box on Taylor street.

Repaired culvert on Poole avenue, Hillen road and Old York road.

Repaired drain box on Remington avenue.

Graded and paved gutters on Oliver Place.

Paved gutters on Guilford avenue, Twentieth street, and Montebello avenue.

Gravelled Remington avenue.

Repaired Hunter's alley.

Put in drain box, Barclay street and Twenty-first street, besides many other small pieces of work, too numerous to mention.

SUGGESTIONS.

In previous reports, I have called your attention to the gradual settlement and decay of the Wilkens Avenue bridge. All that portion, spanning the low grounds, east of the channel of Gwynn's falls, has been

taken up on trestles, and can be repaired, and kept in safe travelling condition. That portion which spans the channel is more dependent upon its arches for support, although we were compelled, by reason of a continued settlement, to place one set of trestles under this span, which, however, is liable to be washed out in an extraordinary flood. Should this happen, it is a question whether this western span would stand or collapse. In previous reports I have outlined plans, which in case of a renewal of this structure, I would respectfully ask your consideration. There has been some talk of the raising of the Edmondson Avenue bridge over Gwynn's falls. Whilst it may not be practicable to raise the present structure, I think, after the topography of the country is taken, and a study of the grades made, the result will show the necessity of raising the grade of Edmondson avenue at the bridge.

When the Annexation Act went into effect, there were turned over to the care of the City about 50 miles of public roads. This only included roads which had been publicly condemned or accepted by the County Commissioners. Since that time, an Act of the Legislature, Chapter 628, Laws of Maryland, made all streets, avenues or alleys, to be held for all purposes, to validly constitute streets or alleys of Baltimore City, in all respects as if the same had been legally condemned as such by the Mayor and City Council of Baltimore.

Under this Act there has been added to the care of the City miles of streets and avenues, so called, upon

which there has never been expended one dollar in grading or preparing road surfaces. The water has been allowed to take its own course, and in some cases, such streets are impassable. Several of these streets have been graded and put in fairly good condition, but there still remain many where nothing has yet been done to improve, and which we are constantly importuned to repair, at the expense of what I consider highways which are travelled by the public at large.

I desire further to call your attention to the necessity of making some systematic arrangement to get material for road purposes. Heretofore we have been dependent upon the gravel banks, streams and stone gathered from the woods, to make and keep in repair the roads. This is practically exhausted, and if we go to regular quarries, we either have to take an inferior quality of stone, or pay the price of building stone, then expend as much, if not more, upon the breaking, by hand. This would make the stone cost the City, by the time it is delivered on the roads, close to $3.00 per perch, which is entirely too much, and with an organized plant and plan, as follows, I think the City can keep up its roads and make new ones at as reasonable cost as can be expected.

I would first suggest the leasing of several stone quarries, with stone suitable to road making; then the purchase of two portable stone crushers with all screen attachments, to be moved from one place to another as needed ; such an arrangement would enable the City to

utilize all waste cobblestone removed from the City streets. A great many negro-head field stone (the very best), would be delivered at the crushers from a distance in the country, at a price sufficient to pay the cost of haul.

This or some arrangement must be made to properly carry on the work of road repairs. In some places, we have been able to buy from private parties, who had crushers, but not to any satisfactory extent.

There should also be purchased two good modern horse power rollers of about three ton weight, one for each ward.

With such an equipment and sufficient means, so that the crushers could run the year around, there is no reason why the highways of the Annex should not be made to compare favorably, and the work done at as reasonable cost, as the surburban roads of any of the large cities of the country.

It is necessary, however, to the preservation of road surfaces, that there be a different arrangement with the Water Department and gas companies, than that which now exists. As you well know, it is not an unusual occurrence for either the Water Department or gas company to open trenches in the beds of streets just repaired; in such cases the expenditures on the road repairs are almost an entire loss. It has occurred to me that both the Water Department and gas companies might be able, to a certain extent, to outline

a large portion of their new work, at the beginning of the road making season, thus enabling your department to follow their excavations, instead of preceding them, thereby getting the full benefit of the funds expended in road repairs.

In conclusion, I desire to refer to the topographical survey, maps, &c., to be made of the Annex. The fact of having been your representative in charge of this district since the annexation, I, from time to time, have been forcibly reminded of the necessity of the data contemplated in this survey, and to which I have at various times referred in my annual reports.

To do this work as it should be done, is no ordinary undertaking. It is the means to provide a plan to determine the future of the Annex. It will be referred to as long as Baltimore exists. It should be done with extraordinary care, every measurement should be tried and proved. All established points should be marked with permanent monuments.

Maps should be made in sections, on a large scale, as well as one large map covering the entire area. This once done, there will be no future trouble to project streets, establish grades, and determine lines and capacities for sewers, in an intelligent and business-like manner.

Most respectfully submitted,

CHARLES A. HOOK,

Assistant City Commissioner.

Mr. C. B. Marriott has been employed by this department in testing cements delivered at the sewers in course of construction, and has done his work systematically and intelligently. I am satisfied that his work will be of much benefit to the City, in insuring that cements that come up to the specified grades shall only be used in the work, and, of course, inure to the benefit of the City's finances to that extent.

In conclusion, I would say that my several assistants have rendered good service during the year, and that their respective works have been carefully supervised.

Respectfully submitted,

A. E. SMYRK,

City Commissioner.

TABLE A.

Showing the Amounts of Appropriations and the Balances due for the Year ending 31st December, 1892.

Accounts.		Appropriations.	Amounts paid.	Amounts undrawn.
Repairs of sewers and inlets	$10,000 00			
Paid Register	7,146 77			
		$17,146 77	$9,498 26	$7,648 51
Flag and stepping-stones		10,000 00	7,851 49	2,148 51
Repairs of paved streets	$92,000 00			
Raid Register	397 80			
		92,397 80	91,655 68	742 12
Repairs of unpaved streets		2,000 00	1,360 45	639 55
Paving and repaving in front of City property		1,000 00	452 14	547 86
Paving and repaving cross streets		5,000 00	3,303 35	1,696 65
Paving new streets	$7,505 72			
Paid Register	36 00			
		7,541 72	7,505 72	36 00
Repairs of bridges	$6,076 13			
Paid Register	22 58			
		6,098 71	6,041 63	57 08
Light Street bridge, rebuilding	$2,645 47			
Paid Register	247 51			
		2,892 98	2,197 41	695 57

Light Street bridge, maintenance	$9,431 73			
Paid Register	14 00			
		9,445 73	9,345 94	99 79
North Avenue bridge	$83,813 09			
Paid Register	473 79			
		84,286 88	11,583 12	72,703 76
Douglas Street bridge		35,000 00	17,827 07	17,172 93
Broadway, repaving with sheet asphalt		182,616 05	182,616 05	.....
Baltimore street, from Exeter street to Jones' falls, to repair		8,000 00	2,974 91	5,025 09
Columbia avenue, from Paca street to Bush street, to repave with Belgian blocks	$87,471 36			
Paid Register	99 32			
		87,570 68	87,471 36	99 32
Chase street, from St. Paul to Cathedral street, to repave with vitrified bricks		10,585 34	10,585 34	.....
Eutaw street, from Madison to Dolphin street, to repave with asphalt blocks		86 00	86 00	.....
Fayette and Lexington streets, from North to Calvert street, to repave with sheet asphalt		3,627 26	3,627 26	.....
Hanover street, from Camden to Hamburg street, to repave with Belgian blocks		10,658 75	10,658 75	.....
Forward		$575,954 67	$466,641 93	$109,312 74

TABLE A—Continued.

Accounts.		Appropriations.	Amounts paid.	Amounts undrawn.
Brought forward		$575,954 67	$466,641 93	$109,312 74
Lafayette avenue, from Eutaw Place to Fulton avenue, to repave with asphalt blocks		81,489 44	81,489 44	
Lexington st., from Pearl street to Fulton avenue, to repave with asphalt blocks		64,763 27	64,763 27	
Lexington street, from Holliday to Aisquith street, to repave with sheet asphalt and Belgian blocks		14,711 25	14,711 25	
Lafayette Market, streets around, repaving with sheet asphalt		1,576 60	1,576 60	
Fell's Point Market, repaving with granolithic		156 24	156 24	
Mulberry street, from Charles to Howard streets, to repave with sheet asphalt		12,904 18	12,904 18	
Arlington avenue, Lanvale street, &c., to repave with asphalt blocks		17,092 88	17,092 88	
Pennsylvania avenue, from Franklin street to North avenue, to repave with Belgian blocks	$128,000 00			
Paid Register	74 68			
		128,074 68	69,703 06	58,371 62

Patapsco st., from West st. to Rope Walk lane, to repave with cobblestones	500 00	471 26	28 74
Richmond Market, to repave the streets around with sheet asphalt	788 00	788 00	.....
South street, from Baltimore to German street, to repave with Belgian blocks	2,600 00	2,500 37	99 63
East Baltimore and Fayette sts. and Loney's lane, to shell	1,500 00	1,383 44	116 56
Leadenhall street, from Stockholm st., south of Ostend street, to shell $300 00			
Paid Register 5 00			
	305 00	300 00	5 00
East Monument street, to shell	500 00	492 18	7 82
Monroe street, to shell a portion of	200 00	194 33	5 67
Point lane, to shell	500 00	471 17	28 83
Board walk, Warner street	300 00	299 29	71
Bulkhead, Ferry Point road	15,000 00	12,770 98	2,229 02
Drain pipe, East Baltimore street	1,000 00	1,000 00	.....
Flags, foot of Centre Market	875 00	685 89	189 11
Flags, Cathedral and Centre streets	3,000 00	44 00	2,956 00
Flags, Aisquith and Lanvale streets	70 00	43 41	26 59
Gwynn's Falls bridge, to raise	14 00	7 50	6 50
Forward	$923,875 21	$750,490 67	$173,384 54

TABLE A—Continued.

Accounts.		Appropriations.	Amounts paid.	Amounts undrawn.
Brought forward		$923,875 21	$750,490 67	$173,384 54
Improvement of Harford run	$29,973 65			
Paid Register	58 00			
		30,031 65	10,493 89	19,537 76
Inlets Schroeder's Run sewer		2,115 42	1,518 15	597 27
Inlets to sewer in McHenry street		2,800 00	1,958 05	841 95
Inlets Ann and Barnes and other streets		7,000 00	5,048 26	1,951 74
Inlets Hanover and Cross streets		5,200 00	3,992 19	1,207 81
Inlets Eden and Orleans streets		1,300 00	1,290 70	9 30
Inlets Caroline and Madison streets		3,000 00	1,782 07	1,217 93
Inlets McHenry and Pulaski streets		400 00	295 50	104 50
Inlets and traps, Calhoun Street sewer		266 00	179 13	86 87
Inlets and traps, Foster alley and McMechen street.		450 00	245 44	204 56
Inlets and traps, High alley and Central avenue		400 00	331 59	68 41
Inlets and traps, Arch and Raborg streets		350 00	142 50	207 50
Iron-gutter plates at various places	$3,950 00			
Less transferred to account for "unexpended balances"	1,382 50			
		2,567 50	2,567 50	.....

Iron gutter-plates, Hanover and West streets	$1,500 00			
Less transferred to account for "unexpended balances"	460 36			
		1,039 64	1,039 64	.....
Iron gutter-plates, Patterson avenue and Stricker street	$850 00			
Less transferred to account for "unexpended balances"	561 02			
		288 98	288 98	.....
Iron gutter plates, unexpended balances, as per above		2,403 88	1,001 74	1,402 14
Iron gutter-plates, Pratt and Eden streets		1,600 00	841 01	758 99
Iron gutter-plates, Pratt and Gilmor streets		650 00	5 00	645 00
Salaries		9,675 00	9,675 00	.....
Livery		800 00	675 00	125 00
Incidentals		100 00	89 53	10 47
Iron gutter-plates, Argyle ave. and Mosher street		700 00	699 39	61
Iron gutter-plates, Conway, Barre and Lee streets		2,250 00	2,249 00	1 00
Park avenue, curbing, &c.,		8,634 51	5,741 60	2,892 91
Park avenue and Liberty streets, triangular space		600 00	599 91	09
Stone gutters at Park avenue and Saratoga street.		628 52	374 69	253 83
Forward		$1,009,126 31	$803,616 13	$205,510 18

TABLE A—Continued.

Amounts.		Appropriations.	Amounts paid.	Amounts undrawn.
Brought forward		$1,009,126 31	$803,616 13	$205,510 18
Sewer in Lovegrove alley—Balance	$700 09			
Paid Register	6 67			
		706 76	697 42	9 34
Sewer in Jenkins run and Carter alley—Balance	$5,429 88			
Paid Register	3 33			
		5,433 21	5,228 94	204 27
Sewer, Pulaski, Franklin and Smallwood streets—Balance	$23,994 70			
Paid Pegister	3 34			
		23,998 04	22,981 28	1,016 76
Sewer, Pulaski street, from Lanvale street to Edmondson avenue—Balance		9,905 54	3,528 37	6,377 17
Sewer, Presbury street and Bruce alley—Balance		20,463 30	130 57	20,332 73
Sewer, for relief of Carey Street sewer, &c.—Balance	$146,438 42			
Paid Register	52 42			
		146,490 84	101,163 41	45,327 43

Sewer, Eutaw and Fremont streets—Balance	$37,865 04			
Paid Register	29 10			
		37,894 14	7,512 93	30,381 21
Sewer, Fulton, Eagle and Monroe streets—Balance	$44,522 37			
Paid Register	4 76			
		44,527 13	44,428 66	98 47
Sewer, Cross and Light sts.—Balance	$31,642 22			
Less transferred to account for Eden street sewer	$11,804 67			
	19,837 55			
Paid Register	32 77			
		19,870 32	19,837 55	32 77
Sewer, Druid Hill avenue, intercepting	$179,308 49			
Paid Register	12 83			
		179,321 32	54,569 32	124,752 00
Sewer, Eden street, from City dock to Eastern avenue—Balance	$9,912 54			
Transferred from Cross Street sewer	11,804 67			
Transferred from Wolfe Street sewer	7,229 05			
Transferred from Eager Street sewer	2,500 00			
Forward		$1,497,736 91	$1,063,694 58	$434,042 33

TABLE A—Continued.

Amounts.		Appropriations.	Amounts paid.	Amounts undrawn.
Brought forward		$1,497,736 91	$1,063,694 58	$434,042 33
Paid Register	134 41			
		31,580 67	30,539 67	1,041 00
Sewer, Wolfe street, from Fairmount avenue, to Jefferson street—Balance	$17,151 60			
Paid Register	83			
	$17,152 43			
Less transferred to Eden Street sewer.	7,229 05			
		9,923 38	9,922 55	83
Sewer in Read street—Balance	$26,848 12			
Paid Register	1 03			
		26,849 15	24,747 30	2,101 85
Sewer in Ann and Gay sts.—Balance		1,233 17	227 81	1,005 36
Sewer in Bush and other streets—Balance	$203,702 00			
Paid Register	1 33			
		203,703 33	39,688 46	164,014 87
Sewer in Eager and other streets—Balance	$3,560 23			

Less transferred to Eden Street sewer.	2,500 00			
		1,060 23	46 38	1,013 85
Sewer in Penn street	$61,000 00			
Paid Register	1 67			
		61,001 67	16,275 89	44,725 78
Sewer in Hoffman street		12,600 00	6,437 93	6,162 07
Sewer in Federal street		4,500 00	4,195 71	304 29
Repairing streets, bridges, roads, &c., in the Annex	$28,432 00			
Paid Register	322 88			
		28,754 88	27,725 56	1,029 32
Augusta avenue, to repair		350 00	345 80	4 20
Chestnut Hill avenue, to repair—Balance		16 96	8 83	8 13
Cedar avenue, to repair—Balance		134 31	133 75	56
Carroll street, to repair		500 00	469 11	30 89
Fulton avenue, from North avenue to Druid Hill Park, to gravel		1,000 00	962 78	37 22
Falls road, to repair		5,000 00	4,975 51	24 49
Frederick (old) road, to repair		1,000 00	995 87	4 13
Gorsuch avenue, to repair—Balance		151 64	148 16	3 48
Hollins street, from Garrison lane to Catherine street, to repair		400 00	396 41	3 59
Hickory and Roland avs., &c , to repair—Balance		96 77	92 00	4 77
Forward		$1,887,593 07	$1,232,030 06	$655,563 01

TABLE A—Concluded.

Amounts.	Appropriations.	Amounts paid.	Amounts undrawn.
Forward	$1,887,593 07	$1,232,030 06	$655,563 01
Jackson, Washington, Taylor and Harrison streets, to repair	5,000 00	4,942 71	57 29
Loudon avenue, to repair	400 00	392 55	7 45
Lombard street, from Garrison lane to Catherine street, to repair	400 00	390 34	9 66
Millington avenue, to repair	500 00	496 20	3 80
Park Heights avenue, to repair	500 00	491 40	8 60
Slingluff avenue, to repair	400 00	396 17	3 83
Third avenue, from Falls road to Druid Hill avenue, to repair	1,000 00	752 75	247 25
Wilkens avenue, to repair	600 00	596 45	3 55
Calvert street, from Mt. Royal avenue to Read street, sheet asphalt and vitrified bricks	20,478 66	20,478 66	.....
Calvert street, from Madison to Read street, with Belgian blocks	4,133 48	4,133 48	.....
Totals	$1,921,005 21	$1,265,100 77	$655,904 44

TABLE B.

Showing the Amounts Required for the City Commissioner's Department for the year ending 31st December, 1893.

ON WHAT ACCOUNT.	AMOUNTS.
Repairs of sewers and inlets	$10,000 00
Repairs of bridges	6,000 00
Repairs of paved streets	90,000 00
Repairs of unpaved streets	2,000 00
Paving and repaving in front of City property	1,500 00
Paving and repaving cross streets	6,000 00
Salaries	9,900 00
Livery	800 00
Incidentals	200 00
Light Street bridge	9,000 00
Flag and stepping-stones	10,000 00
Inlets, Caroline and Madison streets, to be reappropriated	1,217 93
Inlets, Arch and Raborg streets, to be reappropriated	207 50
Inlets, McHenry and Pulaski streets, to be reappropriated	104 50
Inlets, Schroeder's Run sewer, to be reappropriated	597 27
Inlets, McHenry street, to be reappropriated	841 95
Amount carried forward	$148,369 15

TABLE B—Concluded.

Amount brought forward	$148,369 15
Inlets, Calhoun Street sewer, to be re-appropriated	86 87
Deficiencies, repairs of bridges	219 43
Deficiencies, Light Street bridge	415 31
Inlets, Ann and Barnes streets, to be re-appropriated	600 00
Repairs of streets, roads and bridges in the Annex	30,000 00
Salaries and livery in the Annex	2,432 00
Gutter covers, granite, Cathedral and Center streets	2,956 00
Iron plates, Pratt and Eden streets	758 99
Iron plates, Pratt and Gilmor streets	645 00
Bulkhead, Ferry Point road	2,229 02
Iron plates, unexpended balances	1,402 14
Inlets, Hanover and Cross streets	1,207 81
Inlets, Central avenue and High alley	68 41
Inlets, Central avenue and McElderry street	175 36
	$191,565 49

TABLE C.

Showing the Quantity of Repairs Done and the Materials Used on the Streets and Alleys during the Year 1892.

Streets.	Area of sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Ashland avenue	11,743	93	21	.....
Aliceanna street	33,073	280	26	20
Albemarle street	304	3	.....	.....
Arch street	9,430	123	14	.....
Ann street	14,220	141	35	145
Arlington avenue	29,300	289	16	.....
Addison street	682	6	1	.....
Aisquith street	19,990	212	17	.....
Amity street	1,242	12	1	.....
Bond street	22,112	189	28	25
Biddle street	24,915	215	27	.....
Barnes street	3,230	34	1	.....
Broadway	2,330	27	1	.....
Baltimore street	40,020	462	191	.....
Bowly's wharf	87	1	.....	.....
Buchanan's wharf	1,300	11	1	.....
Boston street	58,675	540	19	.....
Buren street	4,547	41	7	.....
Bevan street	1,397	15	3	.....
Block street	3,690	27	4	.....
Booth street	5,145	54	6	.....
Bethel street	5,901	63	7½	.....
Bank street	4,760	48	6	.....
Balderston street	648	7	2	.....
Bolton street	2,295	.....	.....	.....
Barclay street	8,470	137	.....	247
Am'ts carried forward	309,506	3,030	434½	437

TABLE C—Continued.

Streets.	Area of sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	309,506	3,030	434½	437
Barre street	2,575	30	.....	.....
Berry street	2,744	31	2	.....
Chesnut street	397	3	½	.....
Canton avenue	49,924	363	73	.....
Central avenue	21,330	191	27	.....
Calvert street	1,490	15	2½	.....
Charles street	11,178	96	5	.....
Columbia avenue	460	9	1	.....
Calhoun street	10,615	95	.....	.....
Commerce street	1,987	19	3	.....
Concord street	15,760	167	9	.....
Conway street	23,707	321	31	.....
Collington avenue	150	2	.....	.....
Cheapside	2,820	25	5	.....
Caroline street	17,395	154	10	.....
Chase street	37,731	352	18	.....
Carey street	46,627	552	33½	.....
Carrollton avenue	160	129	.....	.....
Colvin Place	12,155	2	.....	.....
Constitution street	2,790	22	5	.....
Covington street	2,553	21	4	.....
Clement street	10,389	67	4	.....
Clay street	4,020	51	5	.....
Camden street	34,780	536	14	.....
Chester street	47,809	677	29½	1,073
Church street	659	6	1	.....
Cumberland street	688	11	.....	.....
Centre street	1,370	.....	.....	.....
Cross street	1,356	6	3	.....
Am'ts carried forward	675,125	6,983	720½	1,510

TABLE C—Continued.

Streets.	Area of sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	675,125	6,983	720½	1,510
Durham street	7,177	67	3½	.....
Druid Hill avenue	25,083	178	8	.....
Dover street	12,255	152	9	.....
Dolphin street	590	2	.....	.....
Dock street	3,840	29	3	.....
Dallas street	20,170	142	11½	31
Division street	656	8	1	.....
Davis street	1,800	.....	.....	.....
Exeter street	22,329	193	23	.....
East street	302	3	½	.....
Eager street	14,889	145	22	.....
Eastern avenue	35,353	390	26	70
Essex street	1,214	11	1	.....
Edmondson avenue	4,095	42	3	.....
Eden street	14,901	187	13½	.....
Ensor street	8,739	67	3½	.....
Eutaw street	4,588	49	7½	.....
Etting street	2,348	9	.....	.....
Edward street	4,600	50	3	.....
Fremont street	47,761	501	150	.....
Fawn street	754	6	½	.....
Fairmount avenue	250	1	.....	.....
Fayette street	27,753	274	21½	.....
Fort avenue	16,221	100	8	.....
Frederick street	2,666	25	3	.....
Federal street	24,400	255	17	215
Franklin street	7,190	76	8½	.....
Front street	29,533	286	18	.....
Frederick street	13,723	162	20	.....
Am'ts carried forward	1,030,305	10,393	1,106	1,826

TABLE C—Continued.

Streets.	Area of sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	1,030,305	10,893	1,106	1,826
Forrest street	2,360	23	2	.....
Fulton street	5,496	63	5	.....
First street	8,990	172	74	28
Gay street	1,202	11	1	.....
Gough street	8,457	73	11	30
Greenmount avenue	16,647	198	5	.....
German street	39,270	456	48	.....
Gittings street	2,606	18	4	.....
Greenwillow street	1,917	20	4	.....
Grant street	639	6	1	.....
Guilford avenue	1,332	12	3	.....
Grindall street	646	6	1	.....
Harford avenue	8,282	81	16	.....
Holliday street	15,963	149	26	.....
Hanover street	24,560	189	25	.....
Hamburg street	13,411	133	16	.....
Haubert street	11,187	76	10	.....
Hull street	5,637	38	2	.....
Hill street	4,144	50	4	.....
Hoffman street	7,000	105	1½	.....
Homewood avenue	1,100	9	.....	.. ..
Henrietta street	4,309	64	5	.....
High street	12,370	265	23	.....
Howard street	1,320	13	2	.....
Harlem avenue	3,951	34	.....	.....
Hughes street	657	7	1	.....
Hudson street	350	4	.....	.....
Hillen street	1,920	22	½	.....
Hog street	1,352	14	1	.....
Amt's carried forward	1,237,380	12,698	1,398	1,884

TABLE C—Continued.

Streets.	Area of sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	1,237380	12,698	1,398	1,884
Jackson street	1,218	7	.....	.....
Johnson street	640	4	.....	.....
Jefferson street	16,680	170	28	88
Jasper street	634	6	1	.....
Lombard street	27,308	211	29½	65
Lexington street	648	9	.....	.....
Low street	11,656	154	115	.....
Lafayette avenue	4,406	48	4	.....
Leadenhall street	8,119	80	8½	.....
Lancaster street	13,240	110	7	.....
Lanvale street	1,153	16	1	.....
Light street	22,552	186	10	.....
Linden avenue	27,780	170	4	.....
Lewis street	1,320	16	1	.....
Lee street	420	5	.....	.....
Leakins street	550	12	1	.....
Lemmon street	1,360	14	1½	.....
McElderry street	7,347	79	5½	.....
Madison street	41,014	314	24	.....
McElderry's wharf	1,493	12	1	.....
May street	612	7	.....	.....
Maryland avenue	28,617	275	68¾	126
Mill street	21,650	127	9½	.....
McKim street	6,033	66	11	.....
Monument street	25,661	251	42	.....
Mulberry street	6,951	76	6	.....
Mosher street	42,186	405	7	.....
Montgomery street	6,537	69	5	.....
McCulloh street	3,566	15	.....	.....
Am'ts carried forward	1,568,721	15,633	1,789¼	2,163

TABLE C—Continued.

Streets.	Area in sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	1,568,721	15,633	1,789¼	2,163
McMechen street	10,969	84	1	.....
McHenry street	4,106	47	3	.....
Mount street	5,110	55	5	.....
Monroe street	12,324	122	9	.....
Myrtle avenue	651	6	1	.....
North street	78	1	.....	.....
North avenue	22,261	174	9	.....
O'Donnell's wharf	1,430	11	1	.....
Olive street	1,327	9	2	.....
Oliver street	31,098	246	30⅓	.....
Pratt street	47,641	513	42½	.....
Pine street	20,887	183	36	.....
President street	20,527	183	108	.....
Patterson street	1,300	13	2	.....
Pinkney Place	692	7	2	.....
Presbury street	1,388	13	.....	.....
Pearl street	1,410	14	3	.....
Point street	1,289	9	1	.....
Paca street	39,567	410	56	.....
Penn street	7,540	78	8½	.....
Patterson Park avenue	2,024	20	2	.....
Preston street	24,566	233	7	.....
Patterson avenue	607	5	1	.....
Pitcher street	2,033	15	.....	.....
Poppleton street	7,084	69	9	.....
Pulaski street	2,500	25	2	.....
Patapsco street	24,475	212	47	100
Plowman street	1,340	121	10½	.....
Presstman street	3,382	30	4½	.....
Am'ts carried forward	1,868,327	18,541	2,192¾	2,263

TABLE C—Continued.

Streets.	Area in sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	1,868,327	18,541	2,192¾	2,263
Plowman street	2,220	.....	.....	.....
Park avenue	4,450	44		.....
Regester street	12,380	108	14	235
Richmond street	635	7	2	.....
Ringgold avenue	1,040	12	.....	.....
Rogers avenue	3,970	45	2	.....
Saratoga street	115,254	1,162	147½	.....
South street	13,340	130	17	.....
Spear's wharf	5,460	45	7	.....
St. Paul street	671	6	.....	.....
Sharp street	22,788	261	22½	.....
Stricker street	8,593	94	7	.....
Spring street	4,698	46	5	.....
Shuter street	1,339	13	3	.....
Stiles street	1,400	6	1	.....
Short street	2,630	28	1½	.....
St. James street	678	6	1	.....
Stockholm street	670	6	1	.....
Smith street	3,323	22	.....	.....
St Peter's street	4,110	42	3	.....
Stockton street	6,525	91	.....	.....
Temple street	294	3	½	.....
Thames street	3,276	21	½	80
Trinity street	4,110	39	.....	.....
Union dock	13,340	122	13	.....
Union street	720	.....	.....	.....
Valley street	4,305	46	4	.....
Vine street	18,240	204	14	.....
Wolfe street	20,970	195	9½	150
Am'ts carried forward	2,149,756	21,345	2,468¾	2,728

TABLE C—Continued.

Streets.	Area in sq. feet.	Loads of sand.	erches of P stones.	Linear feet curb reset
Am'ts brought forward	2,149,756	21,345	2,468¾	2,728
Woodward street.....	1,955	25	.....	.....
Washington street.....	13,861	147	4½	.....
Watson street.....	9,287	103	6½	.....
Water street.....	6,183	50	9½	.....
Weyler street.....	120	2	.....	.....
West street.....	53,298	504	41½	.....
William street.....	21,954	143	27	.....
Warner street.....	6,875	85	12	.....
Wilcox street.....	6,700	61	7	.....
Wilson street.....	11,084	61	.....	.....
West Falls avenue.....	2,820	19	2	.....
Wilkens avenue.....	29,025	259	17	.....
Waesche street.....	714	7	3	.....
Wilson street.....	1,326	9	.....	.....
Whatcoat street.....	1,190	6	.....	.....
Wolfe street.....	3,240	34	3½	.....
York street.....	14,336	113	8	.....
	2,333,724	22,973	2,610¼	2,728

TABLE C—Continued.

Lanes and Alleys.	Area in sq. feet.	Loads of sand.	Perches of stone.	Linear feet curb reset.
Bruce alley	8,208	86	6	.....
Burgundy alley	5,478	51	4	.....
Creek alley	682	6	1	.....
Chesnut alley	1,310	13	3	.....
Closet alley	1,333	13	4	.....
Duncan alley	3,560	39	1	.....
Edmondson alley	2,460	11	2¼	.....
Foster alley	600	5	.....	.....
Hunter alley	1,374	12	3	.....
Hargrove alley	637	6	1	.....
Hall's alley	2,432	15	42	.....
Hoyes alley	5,450	59	4	.....
Jew alley	1,280	15	1	.....
John alley	1,360	15	½	.....
Jordan alley	720	7	2	.....
Lovegrove alley	1,685	18	2	.....
Little Josephine alley	612	5	1	.....
Madeira alley	7,091	67	1	.....
Morton alley	1,396	6	1	.....
Morris alley	624	5	2	.....
Moore alley	628	6	1	.....
Mason alley	500	10	.....	.....
Marble alley	626	6	2	.....
Napoleon alley	2,882	23	7½	.....
Norris alley	9,846	78	6	.....
Pleasant alley	834	9	2	.....
Penn alley	1,325	14	3	.....
Parrish alley	12,153	144	4	.....
Am'ts carried forward	77,086	744	107¼	.....

TABLE C—Continued.

Lanes and Alleys.	Area in sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Am'ts brought forward	77,086	744	107¼	.....
Philpot alley	8,765	117	13	.....
Perry alley.....	641	6	1	.....
Pear alley.....	600	.....	.....	.....
Poppers alley.....	153	2	.....	.....
Slemmers alley.....	4,410	42	10	.....
Sharp Street alley.....	2,648	25	3	.....
Tyson alley.....	1,875	1	.....	.....
Vincent alley.....	14,829	172	14	.....
Welcome alley.....	3,400	38	.....	.....
Walnut alley.....	3,822	24	.....	.....
	118,229	1,171	148¼	.....

Grand Total Quantities of Repairs of Streets and Alleys.

	Area in sq. feet.	Loads of sand.	Perches of stones.	Linear feet curb reset.
Streets	2,333,724	22,973	2,610¼	2,728
Alleys.....	118,229	1,171	148¼	.....
	2,451,953	24,144	2,758½	2,728

TABLE C—Concluded.

Showing Quantity and Cost of Work done by Superintendents of Street Repairs.

Superintendents.	Square feet paved.	Linear feet curb reset.	Perches of stone.	Loads of sand.
Edward Stapleton	38,891	.....	148½	469
Thomas W. Selvage	233,572	30	284½	2,341
Joseph Schoenig	165,212	570	114¼	1,561
George Glantz	200,986	90	134	2,238
John H. Shinnick	160,509	310	183	1,826
Andrew M. Laughlin	175,442	100	230	1,681
George W. Kerner	190,399	1,345	207	1,957
John T. Lee	114,472	.....	222	1,000
John L. Brown	178,320	100	146½	1,029
John Fitzpatrick	193,536	100	166	1,327
R. W. Kielly	172,486	.....	187	1,734
Walter Sauerwein	198,580	83	257¾	2,336
N. A. Gill	222,836	.....	301½	2,326
M. Myer	189,744	.....	176½	2,319
	2,451,953	2,728	2,610¼	24,144

TABLE D.

Showing the Revenues Collected in the City Commissioner's Department for the year ending 31st Deeember, 1892.

Repairs of sewers	$7,146 77
Vaults and areas	6 00
Light Street bridge, rebuilding	247 51
Light Street bridge, maintenance	14 00
Gwynn's Falls bridge	14 00
Repairs of bridges	22 58
Improvement Harford run	58 00
North Avenue bridge	473 79
Paving new streets	36 00
Repairs of paved streets	397 80
Carey street relief sewer	52 42
Eutaw and Fayette Streets sewer	31 61
Jenkins' Run sewer	3 33
Pulaski and Fayette Streets sewer	3 34
Cross Street sewer	32 77
Eden Street sewer	134 41
Lovegrove Alley sewer	6 67
Fulton and Eagle Streets sewer	2 25
Wolfe Street sewer	83
Read Street sewer	1 03
Penn Street sewer	1 67
Druid Hill Avenue sewer	12 83
Bush Street sewer	1 33
Repaving Columbia avenue	99 32
Repaving Pennsylvania avenue	74 68
Shelling Leadenhall street	5 00
Repairing street, bridges, &c., Annex	322 88
Public printing	189 00
	$9,391 82

SHEET ASPHALT REPAIRING

At City Hall, Belair Market, Centre Market, Cross Street Market, Hollins Market, $8,600\frac{58}{100}$ square feet.

The cost of above, as heretofore stated, is charged to repairs of streets.

BELGIAN BLOCK REPAIRING.

Baltimore street	14,635	square	feet.
Belair Market	1,962	"	"
Calvert street	170	"	"
Camden street	14 429	"	"
Cathedral street	1,555	"	"
Dolphin street	2,093	"	"
Eutaw street	2,689	"	"
Gay street	147	"	"
German street	49,079	"	"
Hanover street	754	"	"
Liberty street	1,617	"	"
Lombard street	461	"	"
Pratt street	16,745	"	"
Second street	1,821	"	"
	108,157	"	"

Charged in repairs of streets.

BELGIAN BLOCK ERPAVING.

Baltimore street	14,635	square	feet.
Belair Market	1,962	"	"
Calvert street	170	"	"
Camden street	14,429	"	"
Cathedral street	1,555	"	"
Dolphin street	2,093	"	"
Eutaw street	2,689	"	"
Gay street	147	"	"
German street	49,079	"	"
Hanover street	754	"	"
Liberty street	1,617	"	"
Lombard street	461	"	"
Pratt street	16,745	"	"
Second street	1,821	"	"
Total	108,157	"	"

Charged in report of paved streets.

ANNUAL REPORT

— OF THE —

Department of Street Cleaning

— OF THE —

CITY OF BALTIMORE,

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

OFFICERS AND EMPLOYEES

— OF THE —

Department of Street Cleaning

FOR THE YEAR 1892.

B. E. SMITH,

Commissioner of Street Cleaning.

JOHN J. WALSH,

Clerk.

Superintendents of Streets:

B. V. KELLY, *1st District.*
JAS. F. BUSEY, *4th District.*
G. E. MCCAULEY, *2d District.*
H. LANCASTER, *5th District.*
MICHAEL FADGEN, *3d District.*
JOHN MEAGHER, *6th District.*
JOSEPH MCGEE, *7th District.*

Superintendents of Dumps:

JOHN HOLDEFER, *Canton.*
LOUIS E. FEFEL, *Spring Garden.*
F. P. QUINN, *Back Basin.*
J. T. CROPPER, *Eager Street.*
MATTHEW J. RUDOLPH, *South Baltimore.*

REPORT.

DEPARTMENT OF STREET CLEANING—CITY HALL.

BALTIMORE, January 3d, 1893.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN:

In compliance with provisions of Ordinance No. 6, approved February 21st, 1882, I have the honor to submit herewith the Report of the Department of Street Cleaning.

The annexed tables show the numbor of men and carts employed, the work performed by the department during the year, the money expended, and the amount received for refuse, &c.

The total appropriation for the year was two hundred and ninety-four thousand two hundred and seventy-six dollars; and the amount expended, two hundred and ninety-four thousand two hundred dollars and fifty-six cents, leaving a balance of seventy-five dollars and forty-four cents.

In the report of last year I suggested that should smooth paving be secured, improved methods would

be adopted to secure cleaner streets; the number having increased, experience proves they have to be cleaned at least once a week and oftener in some sections, therefore, after consultation with His Honor the Mayor, in accordance with the suggestion, two sweeping machines and a sprinkler were purchased recently and have been used as frequently as the weather at this season would permit. So satisfactory has the work of these machines proven that I now respectfully ask that the number be doubled. I have included the cost of this increase in the estimate of expenses for this year, also the cost of horses required to operate them, as it would be not only more economical for the City to own the horses, but more convenient and expeditious to have them at hand when needed. It is true that many of the streets during the past year have not been in as clean condition as we wished, but, when we consider the many enterprises now progressing, the Belt tunnel, the change of nearly every horse railway to either cable or electric plan, the excavations in different sections for sewers, and other improvements, the force employed has labored under unusual disadvantages.

Criticism is often made of the work and the cost of this department, but when compared with other cities its injustice soon appears.

We have had but one hundred and thirty-eight sweepers and scrapers, and sixty-one street carts to clean and remove the dirt from nearly four hundred

and fifty miles of streets and alleys. The alleys are more numerous here than in any other city, taxing our utmost efforts to keep them clean, in fact they are the greatest trouble, as they are made the receptacle for all the filth and rubbish which accumulates on the premises of our residents, who seemingly disregard the danger to health which may arise from this cause, while we regard it as a constant menace which we are bound to remove.

The street cleaning last year cost $124,084.66. For the removal of garbage there were employed one hundred and fifty-two carts to serve nearly one hundred thousand houses, costing last year $142,464.00. The expense of this branch of the service will continue to increase as the City extends, unless some change be made in the method of disposing of the garbage; we now haul it through the entire City from north to south to place it on scows, the time consumed in hauling being three times as great as in collecting. For the disposal of this material other cities have adopted improved methods; and the same, to which I respectfully invite your attention, could, and should be, secured here.

Your attention is also invited to the difference in cost as compared with New York city, which has but one-third more area of streets, and employs fourteen hundred men to sweep, six hundred carts and twenty-two sweeping machines, at a cost of $2,192,000 per annum. Boston, with a population about the same as our own City, pays more than twice the amount

expended here. These cities have adopted the Block system of cleaning, which finds some advocates here; to introduce it would entail an additional expense of about fifty thousand dollars for the year, to increase proportionately with the acquisition of improved pavements. The results in my opinion would not justify the expense.

I repeat from my report of last year with more emphasis, if possible, "Your Commissioner again respectfully urges the importance of conferring on him the authority of employing the men for the work of the department. He is held responsible for the proper prosecution of the work, without the power of selecting the men, which not only places him at a disadvantage, but lessens the means of obtaining the necessary discipline and efficiency to secure beneficial results."

The contract for the removal of garbage from the City was made for three years from the 1st of July, 1891, with Matthew W. Adams, for the sum of nine thousand five hundred dollars a year; no provision has been made for the amount due for this service for the six months ending December 31st, 1892.

Upon advertising last June for proposals for the purchase of street dirt, none were received. From the sale of this during the last six months, together with the amount as per contract, ending July 1st, the department has received and turned over to the Comptroller eleven hundred and twenty-four dollars and five cents ($1,124.05.)

In conclusion, I return thanks to the superintendents for their hearty co operation in the working of the Department.

The following is an estimate of expenses for the year 1893:

140 garbage carts and men, at $18 per week	$131,040 00
64 street carts and men, at $18 per week	59,904 00
132 sweepers and scrapers, at $10 per week	68,640 00
Contract for removal of garbage	9,500 00
Salaries	9,000 00
Dumps	4,500 00
Tools and incidentals, including machines, sprinklers, horses, harness, brushes, stable rent, &c	6,403 44
	$288,987 44

City Annex.

13 garbage carts and men, at $18 per week	$12,168 00
3 street carts and men, at $18 per week	2,808 00
6 sweepers and scrapers, at $10 per week	3,120 00
Tools	75 00
Salary of Superintendent	1,000 00
	$19,171 00

Respectfully submitted,

B. E. SMITH,

Commissioner of Street Cleaning.

TABLES.

TABLE A.

Weekly Reports showing amount of work done in the Street Cleaning Department, the number of men and carts employed in the several Districts, and amount of money expended for the same, from Jan. 1 to Dec. 31, 1892.

FIRST DISTRICT. B. V. KELLY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Numbers of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 4.....	706	432	$324 00	$330 50	18	8	23	1138	$654 50
" " " 11.....	734	720	324 00	374 00	18	8	23	1454	698 00
" " " 18.....	716	595	324 00	346 25	18	8	23	1311	670 25
" " " 25.....	696	888	324 00	374 00	18	8	23	1584	698 00
	2852	2635	$1296 00	$1424 75				5487	$2720 75
Week ending February 1.....	434	720	$324 00	$374 00	18	8	23	1154	$698 00
" " " 8.....	725	780	324 00	353 16	18	8	23	1105	677 16
" " " 15.....	717	816	324 00	374 00	18	8	23	1533	698 00
" " " 22.....	696	560	324 00	374 00	18	8	23	1256	698 00
" " " 29.....	727	720	324 00	374 00	18	8	23	1447	698 00
	3299	3596	$1620 00	$1849 16				6895	$3469 16

Week ending March 7.....	750	680	$324 00	$349 53	18	8	23	1430	$673 53
" " " 14.....	735	550	324 00	305 16	18	8	23	1285	629 16
" " " 21.....	702	784	324 00	363 50	18	8	23	1486	687 50
" " " 28.....	672	1032	324 00	374 00	18	8	23	1704	698 00
	2859	3046	$1296 00	$1392 19				5905	$2688 19
Week ending April 4.....	674	495	$324 00	$351 50	18	8	23	1169	$675 50
" " " 11.....	734	576	324 00	374 00	18	8	23	1310	698 00
" " " 18.....	668	520	324 00	374 00	18	8	23	1188	698 00
" " " 25.....	669	490	324 00	323 00	18	8	23	1159	647 00
	2745	2081	$1296 00	$1422 50				4826	$2718 50
Week ending May 2.....	681	536	$324 00	$374 00	18	8	23	1217	$698 00
" " " 9.....	742	480	324 00	374 00	18	8	23	1222	698 00
" " " 16.....	709	373	324 00	366 50	18	8	23	1082	690 50
" " " 23.....	793	720	339 00	374 00	19	8	23	1513	713 00
" " " 30.....	685	397	342 00	374 00	19	8	23	1082	716 00
	3610	2506	$1653 00	$1862 50				6116	$3515 50

TABLE A—Continued.

FIRST DISTRICT. B. V. KELLY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending June 6.....	762	371	$342 00	$374 00	19	8	23	1133	$716 00
" " " 13.....	787	355	342 00	374 00	19	8	23	1142	716 00
" " " 20.....	778	366	342 00	374 00	19	8	23	1144	716 00
" " " 27.....	443	421	342 00	374 00	19	8	23	864	716 00
	2770	1513	$1368 00	$1496 00				4283	$2864 00
Week ending July 4.....	438	383	$342 00	$374 00	19	8	23	1821	$716 00
" " " 11.....	872	360	342 00	374 00	19	8	23	1232	716 00
" " " 18.....	868	364	342 00	374 00	19	8	23	1232	716 00
" " " 25.....	915	366	342 00	368 16	19	8	23	1281	710 16
	3093	1473	$1368 00	$1490 16				4566	$2858 16

Week ending August 1.....	976	367	$342 00	$368 00	19	8	23	1343	$710 00
" " " 8.....	968	359	342 00	367 00	19	8	23	1327	709 00
" " " 15.....	1013	371	342 00	365 00	19	8	23	1384	707 00
" " " 22.....	1039	344	342 00	365 00	19	8	23	1383	707 00
" " " 29.....	1026	341	342 00	368 50	19	8	23	1367	710 50
	5022	1782	$1710 00	$1833 50				6804	$3543 50
Week ending September 5.....	766	560	$342 00	$374 00	19	8	23	1326	$716 00
" " " 12.....	772	1300	342 00	591 00	19	8	23	2072	933 00
" " " 19.....	942	477	342 00	473 33	19	10	23	1419	815 33
" " " 26.....	915	515	342 00	580 83	19	10	23	1430	922 83
	3395	2852	$1368 00	$2019 16				6247	$3387 16
Week ending October 3.....	899	498	$342 00	$473 33	19	10	23	1397	$815 33
" " " 10.....	870	500	342 00	473 33	19	10	23	1370	815 33
" " " 17.....	726	393	342 00	437 34	19	10	23	1119	779 34
" " " 24.....	792	382	342 00	374 00	19	8	23	1174	716 00
" " " 31.....	791	377	342 00	374 00	19	8	23	1168	716 00
	4078	2150	$1710 00	$2132 00				6228	$3842 00

TABLE A—Continued.

FIRST DISTRICT. B. V. KELLY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending November 7.....	710	380	$342 00	$384 00	19	8	24	1090	$726 00
" " " 14.....	759	377	342 00	380 66	19	8	24	1136	722 66
" " " 21.....	760	381	342 00	384 00	19	8	24	1141	726 00
" " " 28.....	758	377	342 00	384 00	19	8	24	1135	726 00
	2987	1515	$1368 00	$1532 66				4502	$2900 66
Week ending December 5.....	764	484	$342 00	$384 00	19	8	24	1248	$726 00
" " " 12.....	762	364	342 00	384 00	19	8	24	1126	726 00
" " " 19.....	762	370	342 00	384 00	19	8	24	1132	726 00
" " " 26.....	751	355	342 00	353 16	19	8	24	1106	695 16
" " " 31.....	743	1008	342 00	384 00	19	8	24	1751	726 00
	3782	2581	1710 00	$1889 16				6363	$3599 16

SECOND DISTRICT.

GEO. E. McCAULEY, Sup't.

Week ending January 5	751	891	$432 00	$361 14	24	9	21	1642	$793 14
" " " 12	773	922	450 00	330 22	25	9	21	1695	780 22
" " " 19	777	927	450 00	336 82	25	9	21	1704	786 82
" " " 26	828	625	450 00	345 15	25	9	21	1453	795 15
	3129	3365	$1782 00	$1373 33				6494	$3155 33
Week ending February 2	842	769	$450 00	333 77	25	9	21	1611	$783 77
" " " 9	827	593	441 00	323 30	25	9	21	1420	764 30
" " " 16	834	722	450 00	366 98	25	9	21	1556	816 98
" " " 23	826	837	450 00	351 97	25	9	21	1663	801 97
	3329	2921	$1791 00	$1376 02				6250	$3167 02
Week ending March 1	754	802	$450 00	$366 86	25	9	21	1556	$816 86
" " " 8	721	685	450 00	278 91	25	9	21	1406	728 91
" " " 15	696	737	450 00	282 59	25	9	21	1433	732 59
" " " 22	656	675	450 00	326 78	25	9	21	1331	776 78
" " " 29	634	621	450 00	377 82	25	9	21	1255	827 82
	3461	3520	$2250 00	$1632 96				6981	$3882 96

TABLE A—Continued.

SECOND DISTRICT. GEO. E. McCAULEY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending April 5	607	458	$441 00	$365 93	25	9	22	1065	$806 93
" " " 12	589	481	450 00	361 97	25	9	22	1070	811 97
" " " 19	578	612	450 00	345 62	25	9	22	1190	795 62
" " " 26	568	631	450 00	346 96	25	10	22	1199	796 96
	2342	2182	$1791 00	$1420 48				4524	$3211 48
Week ending May 3	561	542	$450 00	$380 11	25	10	22	1103	$830 11
" " " 10	637	588	450 00	381 48	25	10	22	1225	831 48
" " " 17	638	608	447 00	357 46	25	10	22	1246	804 46
" " " 24	641	639	450 00	371 79	25	10	22	1280	821 79
" " " 31	655	661	450 00	394 14	25	10	22	1316	844 14
	3132	3038	$2247 00	$1884 98				6170	$4131 98

Week ending June 7	637	660	$450 00	$385 80	25	10	22	1297	$835 80
" " " 14	633	616	450 00	378 65	25	10	22	1249	828 65
" " " 21	633	641	450 00	394 98	25	10	22	1274	844 98
" " " 28	626	607	450 00	391 98	25	10	22	1233	841 98
	2529	2524	$1800 00	$1551 41				5053	$3351 41
Week ending July 5	607	633	$450 00	$393 83	25	10	22	1240	$843 83
" " " 12	753	604	450 00	380 80	25	10	22	1357	830 80
" " " 19	760	609	450 00	392 47	25	10	22	1369	842 47
" " " 26	792	641	450 00	394 98	25	10	22	1433	844 98
	2912	2487	$1800 00	$1562 08				5399	$3362 08
Week ending August 2	788	597	$438 00	$375 30	25	10	22	1385	$813 30
" " " 9	857	598	450 00	391 82	25	10	22	1455	841 82
" " " 16	905	542	432 00	389 31	25	10	22	1447	821 31
" " " 23	951	671	450 00	393 31	25	10	22	1622	843 31
" " " 30	949	658	438 00	396 66	25	10	22	1607	834 66
	4450	3066	$2208 00	$1946 40				7516	$4154 40

TABLE A—Continued.

SECOND DISTRICT. GEO. E. McCAULEY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending September 6.....	888	656	$450 00	$399 16	25	10	22	1544	$849 16
" " " 13.....	913	995	450 00	601 31	25	11	22	1908	1051 31
" " " 20.....	873	911	450 00	481 86	25	11	22	1784	931 86
" " " 27.....	850	727	450 00	381 80	25	11	22	1577	831 80
	3524	3289	$1800 00	$1864 13				6813	$3664 13
Week ending October 4.....	922	816	$450 00	$397 66	25	11	22	1738	$847 66
" " " 11.....	850	691	450 00	395 83	25	10	22	1541	845 83
" " " 18.....	815	661	450 00	400 00	25	10	22	1476	850 00
" " " 25.....	790	696	450 00	399 16	25	10	22	1486	849 16
	3377	2864	$1800 00	$1592 65				6241	$3392 65

Week ending November 1.....	775	686	$450 00	$397 66	25	10	22	1461	$847 66
" " " 9.....	752	691	450 00	399 16	25	10	22	1443	849 16
" " " 16	761	656	450 00	376 64	25	10	22	1417	826 64
" " " 23.....	734	669	450 00	381 45	25	10	22	1403	831 45
" " " 30.....	754	681	450 00	390 81	25	10	22	1435	840 81
	3776	3383	$2250 00	$1945 72				7159	$4195 72
Week ending December 6.....	734	664	$450 00	$396 82	25	10	22	1398	$846 82
" " " 13.....	775	681	450 00	394 49	25	10	22	1456	844 49
" " " 20.....	797	699	450 00	397 50	25	10	22	1496	847 50
" " " 27.....	775	684	450 00	387 32	25	10	22	1459	837 32
" " " 31.....	841	731	450 00	391 49	25	10	22	1572	841 49
	3922	3459	$2250 00	$1967 62				7381	$4217 62

THIRD DISTRICT.

MICHAEL FADGEN.

Week ending January 6.....	616	594	$252 00	$381 50	14	11	21	1210	$633 50
" " " 13.....	644	616	252 00	399 00	14	11	21	1260	651 00
" " " 20.....	658	715	252 00	358 00	14	11	21	1373	610 00
" " " 27	644	737	252 00	403 00	14	11	21	1381	655 00
	2562	2662	$1008 00	$1541 50				5224	$2549 50

TABLE A—Continued.

THIRD DISTRICT. MICHAEL FADGEN, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending February 3.....	658	748	$252 00	$387 16	14	11	21	1406	$639 16
" " " 10.....	662	660	252 00	397 50	14	11	21	1322	649 50
" " " 17.....	658	616	252 00	379 00	14	11	21	1274	631 00
" " " 24.....	642	660	252 00	407 16	14	11	21	1302	659 16
	2620	2684	$1008 00	$1570 82				5304	$2578 82
Week ending March 2.....	630	649	$252 00	$398 16	14	11	21	1279	$650 16
" " " 9.....	644	625	246 00	373 83	14	11	21	1269	619 83
" " " 16.....	630	570	252 00	357 99	14	11	21	1200	609 99
" " " 23.....	602	591	252 00	379 00	14	11	21	1193	631 00
" " " 30.....	560	528	252 00	395 70	14	11	21	1088	647 70
	3066	2963	$1254 00	$1904 68				6029	$3158 68

Week ending April 6	560	528	$252 00	$388 50	14	11	21	1088	$640 50
" " " 13	546	506	252 00	392 16	14	11	21	1052	644 16
" " " 20	518	464	252 00	378 83	14	11	21	982	630 83
" " " 27	490	451	252 00	378 66	14	11	21	941	630 66
	2114	1949	$1008 00	$1538 15				4063	$2546 15
Week ending May 4	392	440	$252 00	$396 50	14	11	21	832	$648 50
" " " 11	385	506	252 00	404 16	14	11	21	891	656 16
" " " 18	399	429	252 00	401 83	14	11	21	828	653 83
" " " 25	399	396	252 00	404 66	14	11	21	795	656 66
	1575	1771	$1008 00	$1607 15				3346	$2615 15
Week ending June 1	365	440	$252 00	$404 16	14	11	21	805	$656 16
" " " 8	392	451	252 00	390 67	14	11	21	843	642 67
" " " 15	399	462	252 00	399 83	14	11	21	861	651 83
" " " 22	374	484	240 00	404 66	14	11	21	858	644 66
" " " 29	364	506	234 00	394 66	14	11	21	870	628 66
	1894	2343	$1230 00	$1993 98				4237	$3223 98

TABLE A—Continued.

THIRD DISTRICT. — MICHAEL FADGEN Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending July 6.....	404	451	$252 00	$402 16	14	11	21	855	$654 16
" " " 13.....	420	407	252 00	405 66	14	11	21	827	657 66
" " " 20.....	406	429	252 00	397 33	14	11	21	835	649 36
" " " 27.....	406	463	252 00	404 66	14	11	21	769	656 63
	1636	1650	$1008 00	$1609 81				3286	$2617 81
Week ending August 3.....	420	264	$252 00	$395 50	14	11	21	684	$647 50
" " " 10.....	400	330	252 00	393 00	14	11	21	730	645 00
" " " 17.....	400	385	252 00	393 33	14	11	21	785	645 33
" " " 24.....	378	374	252 00	402 16	14	11	21	752	654 13
" " " 31.....	372	330	252 00	393 33	14	11	21	702	645 36
	1970	1683	$1260 00	$1977 32				3653	$3237 32

Week ending September 7.....	420	396	$252 00	$406 33	14	11	21	816	$658 33
" " " 14.....	420	430	252 00	579 83	14	13	21	850	831 83
" " " 21.....	420	455	252 00	468 00	14	13	21	875	720 00
" " " 28.....	434	468	252 00	458 16	14	13	21	902	710 16
	1694	1749	$1008 00	1912 32				3443	$2920 32
Week ending October 5.....	399	428	$252 00	$440 00	14	13	21	828	$692 00
" " " 12.....	378	368	252 00	402 16	14	11	21	746	654 16
" " " 19.....	399	396	252 00	403 83	14	11	21	795	655 83
" " " 26.....	328	363	252 00	401 33	14	11	21	691	653 33
	1504	1556	$1008 00	$1647 32				3060	$2655 32
Week ending November 2.....	364	429	$252 00	$406 33	14	11	21	793	$658 33
" " " 9.....	371	385	252 00	406 33	14	11	21	756	658 33
" " " 16.....	378	374	252 00	383 50	14	11	21	752	635 50
" " " 23.....	378	385	252 00	394 83	14	11	21	763	646 83
" " " 30.....	380	363	252 00	407 16	14	11	21	743	659 16
	1871	1936	$1260 00	$1998 15				3807	$3258 15
Week ending December 7.....	383	352	$252 00	$403 83	14	11	21	735	$655 83
" " " 14.....	392	330	252 00	399 67	14	11	21	722	651 67
" " " 21.....	395	341	252 00	398 83	14	11	21	736	650 83
" " " 28.....	362	286	252 00	382 50	14	11	21	648	634 50
	1532	1309	$1008 00	$1584 83				2841	$2592 18

TABLE A—Continued.

FOURTH DISTRICT. JAMES F. BUSEY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Numbers of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 7.....	699	420	$486 00	$332 66	27	9	24	1119	$818 66
" " " 14.....	801	520	486 00	402 00	27	9	24	1321	888 00
" " " 21.....	810	512	486 00	314 82	27	9	24	1322	800 82
" " " 28.....	1128	612	474 00	354 32	27	9	24	1740	828 32
	3438	2064	$1932 00	$1403 80				5502	$3335 80
Week ending February 4.....	1108	721	$486 00	$314 16	27	9	24	1829	$794 16
" " " 11.....	1115	742	486 00	367 66	27	9	24	1857	853 66
" " " 18.....	1106	894	486 00	366 16	27	9	24	2000	852 16
" " " 25.....	1096	946	486 00	400 50	27	9	24	2042	886 50
	4425	3303	$1938 00	$1448 48				7728	$3386 48

Week ending March 3.....	1118	974	$486 00	$301 16	27	9	24	2092	$787 16
" " " 10.....	1108	612	486 00	276 16	27	9	24	1720	762 16
" " " 17.....	609	705	486 00	335 16	27	9	24	1314	821 16
" " " 24.....	883	700	486 00	392 50	27	9	24	1583	878 50
" " " 31.....	783	612	486 00	385 83	27	9	24	1395	871 83
	4501	3603	$2430 00	$1690 81				8104	$4120 81
Week ending April 7.....	810	642	$486 00	$385 66	27	9	24	1452	$871 66
" " " 14.....	807	615	486 00	407 33	27	9	25	1422	893 33
" " " 21.....	770	512	486 00	339 00	27	9	25	1282	825 00
" " " 28.....	511	612	486 00	361 16	27	9	25	1123	847 16
	2898	2381	$1944 00	$1493 15				5279	$3437 15
Week ending May 5.....	368	712	$486 00	$402 32	27	9	25	1080	$888 32
" " " 12.....	293	617	486 00	409 50	27	9	25	910	895 50
" " " 19.....	456	512	486 00	353 83	27	9	25	968	839 83
" " " 26.....	433	724	486 00	390 33	27	9	25	1157	876 33
	1550	2565	$1944 00	1555 98				4115	$3499 98

TABLE A—Continued.

FOURTH DISTRICT. JAMES F. BUSEY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending June 2.....	549	742	$486 00	$412 00	27	9	25	1291	$892 00
" " " 9.....	465	520	486 00	412 00	27	9	25	985	898 00
" " " 16.....	533	610	486 00	408 66	27	9	25	1143	894 66
" " " 23.....	529	608	486 00	412 00	27	9	25	1137	898 00
" " " 30.....	510	607	486 00	412 00	27	9	25	1117	898 00
	2586	3087	$2424 00	$2056 66				5673	$4480 66
Week ending July 7.....	480	716	$477 00	$412 00	27	9	25	1196	$889 00
" " " 14.....	592	810	486 00	412 00	27	9	25	1402	898 00
" " " 21.....	593	712	486 00	408 83	27	9	25	1305	894 83
" " " 28.....	670	762	486 00	411 16	27	9	25	1432	897 16
	2335	3000	$1935 00	$1643 99				5335	$3578 99

Week ending August 4.....	692	722	$486 00	$391 83	27	9	25	1414	$877 83
" " " 11.....	809	619	486 00	412 00	27	9	25	1428	898 00
" " " 18.....	854	652	486 00	412 00	27	9	25	1506	898 00
" " " 25.....	853	619	486 00	411 16	27	9	25	1472	897 16
	3208	2612	$1944 00	$1626 99				5820	$3570 99
Week ending September 1.....	881	742	$486 00	$410 33	27	9	25	1623	$896 33
" " " 8.....	944	715	474 00	412 00	27	9	25	1659	886 00
" " " 15.....	891	1260	486 00	597 00	27	11	25	2151	1083 00
" " " 22.....	1021	1120	486 00	604 82	27	11	25	2141	1090 82
" " " 29.....	1038	1240	480 00	409 16	27	11	25	2280	889 16
	4775	5079	$2412 00	$2433 31				9854	$4845 31
Week ending October 6.....	796	1120	$486 00	$448 00	27	11	25	1916	$934 00
" " " 13.....	828	934	486 00	448 00	27	11	25	1762	934 00
" " " 20.....	824	1020	486 00	448 00	27	11	25	1844	934 00
" " " 27.....	742	1040	486 00	448 00	27	11	25	1782	934 00
	3190	4114	$1944 00	$1792 00				7304	$3736 00

TABLE A—Continued.

FOURTH DISTRICT. — JAMES F. BUSEY, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending November 3.....	784	1010	$486 00	$448 00	27	11	25	1794	$934 00
" " " 10.....	804	942	486 00	439 33	27	11	25	1746	925 33
" " " 17	1031	874	486 00	394 99	27	11	25	1905	880 99
" " " 24.....	1116	923	486 00	429 00	27	11	25	2039	915 00
	3735	3749	$1944 00	$1711 32				7484	$3655 32
Week ending December 1.....	1143	1126	$486 00	$387 16	27	11	25	2269	$873 16
" " " 8.....	1120	1147	486 00	448 00	27	11	25	2267	934 00
" " " 15.....	1110	982	486 00	438 50	27	11	25	2092	924 50
" " " 22.....	1246	1039	486 00	359 83	27	11	25	2285	845 83
" " " 29.....	1101	942	486 00	306 16	27	11	25	2043	792 16
	5720	5236	$2430 00	$1939 65				10956	$4369 65

FIFTH DISTRICT.

HENRY LANCASTER, Sup't.

Week ending January 8.....	988	500	$477 00	$349 16	27	9	21	1488	$826 16
" " " 15.....	1015	515	486 00	351 17	27	9	21	1530	837 17
" " " 22.....	1047	334	486 00	324 83	27	9	21	1381	810 83
" " " 29.....	995	405	486 00	316 50	27	9	21	1400	802 50
	4045	1754	$1935 00	$1341 66				5799	$3276 66
Week ending February 5.....	1014	424	$486 00	369 00	27	9	21	1438	$855 00
" " " 12.....	1037	432	486 00	370 33	27	9	21	1469	856 33
" " " 19.....	1023	344	486 00	313 83	27	9	21	1367	799 83
" " " 26.....	1018	432	486 00	369 50	27	9	21	1450	855 50
	4092	1632	$1944 00	$1422 66				5724	$3366 66
Week ending March 4.....	1026	384	$486 00	$329 00	27	9	21	1410	$815 00
" " " 11.....	1026	320	486 00	394 17	27	9	21	1346	780 17
" " " 18.....	995	346	486 00	322 17	27	9	21	1341	808 17
" " " 25.....	990	379	486 00	320 67	27	9	21	1369	806 67
	4037	1429	$1944 00	$1266 01				5466	$3210 01

TABLE A—Continued.

FIFTH DISTRICT. HENRY LANCASTER, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending April 1	951	416	$486 00	$364 53	27	9	21	1367	$850 53
" " " 8	891	432	486 00	369 50	27	9	21	1323	855 50
" " " 15	893	374	486 00	366 33	27	9	21	1267	852 33
" " " 22	891	404	486 00	361 50	27	9	21	1295	847 50
" " " 29	892	372	486 00	342 33	27	9	21	1264	828 33
	4518	1998	$2430 00	$1804 19				6516	$4234 19
Week ending May 6	940	432	$486 00	$372 00	27	9	21	1372	$858 00
" " " 13	888	432	486 00	372 00	27	9	21	1320	858 00
" " " 20	891	432	486 00	372 00	27	9	21	1323	858 00
" " " 27	974	432	486 00	372 00	27	9	21	1406	858 00
	3693	1728	$1944 00	$1488 00				5421	$3432 00

Week ending June 3.....	864	432	$486 00	$374 10	27	9	21	1296	$860 10
" " " 10.....	800	432	486 00	372 00	27	9	21	1232	858 00
" " " 17.....	800	432	486 00	372 00	27	9	21	1232	858 00
" " " 24.....	801	432	486 00	372 00	27	9	21	1233	858 00
	3265	1728	$1944 00	$1490 10				4993	$3434 10
Week ending July 1.....	799	432	$486 00	$372 00	27	9	21	1231	$858 00
" " " 8.....	812	432	486 00	372 00	27	9	21	1244	858 00
" " " 15.....	774	432	486 00	372 00	27	9	21	1206	858 00
" " " 22.....	811	432	488 00	372 00	27	9	21	1243	858 00
" " " 29.....	797	432	486 00	369 00	27	9	21	1229	855 00
	3993	2160	$2430 00	$1857 00				6153	$4287 00
Week ending August 5.....	809	412	$486 00	$359 33	27	9	21	1221	$845 33
" " " 12.....	819	404	486 00	367 75	27	9	21	1223	853 75
" " " 19.....	825	392	486 00	357 00	27	9	21	1217	843 00
" " " 26.....	828	402	486 00	360 67	27	9	21	1230	846 67
	3281	1610	$1944 00	$1444 75				4891	$3388 75

TABLE A—Continued.

FIFTH DISTRICT. HENRY LANCASTER, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending September 2.....	846	432	$486 00	$372 00	27	9	21	1278	$858 00
" " " 9.....	830	532	486 00	460 33	27	9	21	1362	946 33
" " " 16.....	836	604	486 00	503 16	27	9	21	1440	989 16
" " " 23.....	811	560	486 00	452 50	27	9	21	1371	938 50
" " " 30.....	819	502	486 00	414 84	27	9	21	1321	900 84
	4142	2630	$2430 00	$2202 83				6772	$4632 83
Week ending October 7.....	864	514	$486 00	$444 16	27	10	21	1378	$930 16
" " " 14.....	848	504	486 00	434 00	27	9	21	1352	920 00
" " " 21.....	837	498	486 00	430 17	27	9	21	1335	916 17
" " " 28.....	840	504	486 00	434 00	27	9	21	1344	920 00
	3389	2020	$1944 00	$1742 33				5409	$3686 33

Week ending November 4.....	838	432	$486 00	$363 67	27	9	21	1270	$849 67
" " " 11.....	864	432	486 00	372 00	27	9	21	1296	858 00
" " " 18.....	800	376	486 00	322 66	27	9	21	1176	808 66
" " " 25.....	964	432	486 00	372 00	27	9	21	1396	858 00
	3466	1672	$1944 00	$1430 33				5138	$3374 33
Week ending December 2.....	1053	412	$474 00	$368 58	27	9	21	1465	$842 58
" " " 9.....	1067	432	480 00	367 00	27	9	21	1499	847 00
" " " 16.....	1105	424	486 00	369 00	27	9	21	1529	855 00
" " " 23.....	1096	352	486 00	324 50	27	9	21	1448	810 50
" " " 30.....	1108	405	486 00	348 00	27	9	21	1513	834 00
	5429	2025	$2412 00	$1777 08				7454	$4189 08

SIXTH DISTRICT.

JOHN MEAGHER, Sup't.

Week ending January 9.....	1053	544	$486 00	$308 76	27	10	19	1597	$794 76
" " " 16.....	1213	720	486 00	358 96	27	10	19	1915	844 96
" " " 23.....	1239	461	498 00	298 79	27	10	19	1700	796 79
" " " 30.....	1288	473	504 00	298 61	27	10	19	1761	802 61
	4793	2180	$1974 00	$1265 12				6973	$3239 12

TABLE A—Continued.

SIXTH DISTRICT. JOHN MEAGHER, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending February 6.....	1337	524	$504 00	$340 48	27	10	19	1861	$844 48
" " " 13.....	1330	512	504 00	330 76	27	10	19	1842	834 76
" " " 20.....	1331	454	504 00	287 58	27	10	19	1785	791 58
" " " 27.....	1327	551	504 00	352 00	27	10	19	1878	856 00
	5325	2041	$2116 00	$1309 82				7366	$3326 82
Week ending March 5.....	1314	444	$504 00	$271 10	28	9	19	1758	$775 10
" " " 12.....	1290	435	504 00	277 60	28	9	19	1725	781 60
" " " 19.....	1292	373	504 00	196 11	28	9	19	1665	700 11
" " " 26.....	1316	456	504 00	259 77	28	9	19	1772	763 77
	5212	1708	$2016 00	$1004 58				6920	$3020 58

Week ending April 2.....	1278	547	$504 00	$305 79	28	9	19	1825	$809 79
" " " 9.....	1255	608	504 00	333 76	28	9	19	1863	837 76
" " " 16.....	1241	579	504 00	331 62	28	9	19	1820	835 62
" " " 23.....	1238	434	504 00	266 43	28	9	19	1672	770 43
" " " 30.....	1253	541	504 00	343 98	28	9	19	1794	847 98
	6265	2709	$2520 00	$1581 58				8974	$4101 58
Week ending May 7.....	1231	560	$504 00	$341 98	28	9	19	1791	$845 98
" " " 14.....	1229	548	504 00	349 48	28	9	19	1777	853 48
" " " 21.....	1055	544	504 00	332 10	28	9	19	1599	836 10
" " " 28.....	872	473	504 00	327 28	28	9	19	1345	831 28
	4387	2125	$2016 00	$1350 84				6512	$3366 84
Week ending June 4.....	819	573	$504 00	$347 50	28	9	19	1392	$851 50
" " " 11.....	844	596	504 00	346 99	28	9	19	1440	850 99
" " " 18.....	788	578	504 00	348 64	28	9	19	1366	852 64
" " " 25.....	776	523	504 00	337 00	28	9	19	1299	841 00
	3227	2270	$2016 00	$1380 13				5497	$3396 13

TABLE A—Continued.

SIXTH DISTRICT. JOHN MEAGHER, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending July 2	907	627	$504 00	$348 16	28	9	19	1534	$852 16
" " " 9	946	565	504 00	352 00	28	9	19	1511	856 00
" " " 16	978	576	504 00	351 16	28	9	19	1554	855 16
" " " 23	937	582	504 00	352 00	28	9	19	1519	856 00
" " " 30	939	578	504 00	342 79	28	9	19	1517	846 79
	4707	2928	$2520 00	$1746 11				7635	$4266 11
Week ending August 6	952	578	$504 00	$350 32	28	9	19	1530	$854 32
" " " 13	947	580	504 00	349 49	28	9	19	1527	853 49
" " " 20	1006	582	504 00	350 32	28	9	19	1588	854 33
" " " 27	1019	581	504 00	348 64	28	9	19	1600	852 64
	3924	2321	$2016 00	$1398 77				6245	$3414 77

Week ending September 3.....	1050	589	$504 00	$352 00	28	9	19	1639	$856 00
" " " 10.....	1138	966	504 00	511 54	28	9	19	2104	1015 54
" " " 17.....	1080	996	504 00	523 20	28	12	21	2076	1027 20
" " " 24.....	1082	837	504 00	426 44	28	12	21	1919	930 44
	4350	3388	$2016 00	$1813 18				7738	$3829 18
Week ending October 1.....	1069	726	$504 00	$394 64	28	12	21	1795	$898 64
" " " 8.....	1126	595	504 00	347 00	28	10	19	1721	851 00
" " " 15.....	1118	586	504 00	350 50	28	9	19	1704	854 50
" " " 22.....	973	613	504 00	352 00	28	9	19	1586	856 00
" " " 29..	1022	595	504 00	350 50	28	9	19	1617	854 50
	5308	3115	$2520 00	$1794 64				8423	$4314 64
Week ending November 5.....	1020	596	$504 00	$352 00	28	9	19	1616	$856 00
" " " 12.....	1028	479	504 00	287 97	28	9	19	1507	791 97
" " " 19	995	541	504 00	324 31	28	9	19	1536	828 31
" " " 26.....	1026	574	504 00	344 50	28	9	19	1600	848 50
	4069	2190	$2016 00	$1308 78				6259	$3324 78
Week ending December 3.....	1111	503	$504 00	$298 29	28	9	19	1614	$802 29
" " " 10.....	1113	594	504 00	352 00	28	9	19	1707	856 00
" " " 17.....	1114	562	504 00	324 08	28	9	19	1676	828 08
" " " 24.....	1166	457	504 00	259 62	28	9	19	1623	763 62
" " " 31.....	1191	488	504 00	299 74	28	9	19	1679	803 74
	5695	2604	$2520 00	$1533 73				8299	$4053 73

TABLE B.

Report of Work Done in the Department of Street Cleaning, for each Month of the Year ending December 31st 1892, and Amount Expended for Dumps, Tools and Incidentals; also Total Amount of Receipts for Refuse, &c.

MONTH.	Total No. of Loads of Garbage Collected and Removed.	Total No. of Loads of Street Dirt, Sand, Snow, Ice, &c., Collected and Removed.	Cost of Collecting and Removing Garbage.	Cost of Collecting and Removing Street Dirt, Sand, Snow, Ice, &c.	Cost of the Several Dumps.	Expenditures for Tools, Incidentals, &c.	No. of Garbage Carts Employed.	No. of Street Carts Employed.	No. of Scrapers and Sweepers Employed.	Total No. of Loads of all kinds Removed.	Total Expenditures for Work Done in Street and Garbage Department.	Total Amount of Money Received and Paid to Comptroller.	Paid to M. W. Adams for Removal of Garbage.
January.....	22,709	15,025	$10,791 00	$8,691 09	$384 00	$71 70	149	58	135	37,734	$19,482 09	$89 10	$4,750 00
February	24,976	16,677	11,181 00	9,325 57	380 66	73 40	151	57	135	41,653	20,506 57	.....	.....
March.....	25,031	16,546	12,054 00	9,110 49	389 34	159 45	151	57	135	41,577	21,164 49	215 35	.....
April.....	23,109	13,727	12,069 00	9,689 52	398 00	162 87	151	58	136	36,836	21,758 52	94 70	2,375 00
May	19,567	14,114	11,676 00	10,169 53	392 68	304 85	152	58	136	33,681	21,845 53	106 85	.....
June	17,736	13,861	11,646 00	10,417 25	380 66	129 08	152	58	136	31,597	22,063 25	93 80	.....
July.....	20,543	14,201	12,141 00	10,448 44	394 66	135 37	152	58	136	34,744	22,589 44	200 00	2,375 00
August	23,410	13,515	11,946 00	10,680 71	392 68	84 40	152	58	136	36,925	22,626 71	.....	.....
September....	23,431	19,481	11,898 00	12,702 70	398 00	377 00	152	70	139	42,912	24,600 70	54 95	.....
October.....	22,925	16,412	12,006 00	11,270 92	380 68	118 81	152	61	137	39,337	23,276 92	.....	.....
November ...	21,646	14,925	11,646 00	10,365 59	392 68	217 70	152	61	138	36,571	22,011 59	.....	.....
December....	28,435	17,766	13,410 00	11,212 85	1,638 87	394 68	152	61	138	46,201	24,622 85	269 30	.....
Total.....	273,518	186,250	$142,464 00	$124,084 66	$5,922 91	$2,229 31				459,768	$266,548 66	$1,124 05	$9,500 00

TABLE C.

Recapitulation.

Total number of loads of garbage and ashes collected and removed, from January 1st to December 31st, 1892, inclusive	273,518
Total number of loads of street dirt, sand, &c., collected and removed, from January 1st to December 31st, 1892, inclusive	186,250
Total number of all kinds removed during the year 1892	459,768

TABLE C—Concluded.

Total amount paid for collecting and removing garbage and ashes, from January 1st to December 31st, 1892, inclusive	$142,464 00
Total amount paid for collecting and removing street dirt, sand, &c., from January 1st to December 31st, 1892, inclusive,	124,084 66
	$266,548 66
Amount of money received for refuse, from January 1st to December 31st, 1892, inclusive	$1,124 05

TABLE D.

Showing the Amount of Animal and Vegetable Garbage Delivered to Contractors at Canton and Winans' Cove Dumps.

1892. Months.	Canton Dump.	No. of Loads.
January	John Holdefer, Supt	1064
February	" "	855
March	" "	831
April	" "	1065
May	" "	1601
June	" "	2299
July	" "	3588
August	" "	3898
September	" "	3203
October	" "	2510
November	" "	1392
December	" "	1771
		24,077

TABLE D—Concluded.

1892. Months.	Winans' Cove Dump.	No. of Loads.	Total.
January	L. S. Fefel, Supt	1,557	2,621
February	" "	1,451	2,306
March	" "	1,595	2,426
April	" "	1,587	3,652
May	" "	2,423	5,024
June	" "	3,025	6,324
July	" "	4,605	9,639
August	" "	6,974	10,872
September	" "	5,851	9,054
October	" "	4,276	6,786
November	" "	2,754	4,146
December	" "	3,116	4,887
		43660	67737

TABLE E.

Showing Disbursements for Year ending December 31st, 1892.

Total amount expended for collecting and removing garbage, ashes, street dirt, &c., from January 1st to December 31st, 1892	$266,548 66
Amount expended for dumps, from January 1st to December 31st, 1892	5,922 91
Amount expended for salaries, from January 1st to December 31st, 1892	9,999 68
Amount expended for tools, from January 1st to December 31st, 1892	2,229 31
Paid to M. W. Adams for removal of garbage	9,500 00
Total	$294,200 56

TABLE E—Concluded.

Amount of appropriation for the Department of Street Cleaning for the year 1892	$294,276 00
Amount of appropriation expended	294,200 56
Total unexpended balance	$75 44

TABLE F.

Showing Amount Expended for Removal of Garbage, Street Dirt, &c., in the City Annex, and Salary of Superintendent.

SEVENTH DISTRICT. — JOSEPH McGEE, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending January 9.....	481	60	$216 00	$71 98	12	2	6	541	$287 98
" " " 16.....	469	120	216 00	83 81	12	2	6	589	299 81
" " " 23.....	470	85	216 00	90 16	12	2	6	555	306 16
" " " 30.....	470	100	216 00	94 98	12	2	6	570	310 98
	1890	365	$864 00	$340 93				2255	$1204 93
Week ending February 6.....	470	130	$216 00	$96 00	12	2	6	600	$312 00
" " " 13.....	470	120	216 00	78 15	12	2	6	590	294 15
" " " 20.....	473	120	216 00	66 64	12	2	6	593	282 64
" " " 27.....	473	130	216 00	106 82	12	2	6	603	322 82
	1886	500	$864 00	$347 61				2386	$1211 61

TABLE F—Continued.

SEVENTH DISTRICT. JOSEPH McGEE, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending March 5.....	473	70	$216 00	$43 81	12	2	6	543	$259 81
" " " 12.....	474	90	216 00	65 65	12	2	6	564	281 65
" " " 19.....	475	90	216 00	60 49	12	2	6	565	276 49
" " " 26.....	473	27	216 00	49 31	12	2	6	500	265 31
	1895	277	$864 00	$219 26				2172	$1083 26
Week ending April 2.....	464	90	$216 00	$72 00	12	2	6	554	$288 00
" " " 9.....	457	108	216 00	94 50	12	2	6	565	310 50
" " " 16.....	450	99	216 00	96 00	12	2	6	549	312 00
" " " 23.....	454	50	216 00	72 64	12	2	6	504	288 64
" " " 30.....	402	80	216 00	94 33	12	2	6	482	310 33
	2227	427	$1080 00	$429 47				2654	$1509 47

Week ending May 7.....	436	100	$216 00	$104 46	12	3	6	536	$320 46
" " " 14.....	397	75	216 00	109 98	12	3	6	472	325 98
" " " 21.....	399	100	216 00	110 66	12	3	6	499	326 66
" " " 28.....	388	106	216 00	94 98	12	3	6	494	310 98
	1620	381	$864 00	$420 08				2001	$1284 08
Week ending June 4.....	367	100	$216 00	$108 99	12	3	6	467	$324 99
" " " 11.....	369	109	216 00	112 33	12	3	6	478	328 33
" " " 18.....	361	105	216 00	113 16	12	3	6	466	329 16
" " " 25.....	368	82	216 00	114 49	12	3	6	450	330 49
	1465	396	$864 00	$448 97				1861	$1312 97
Week ending July 2.....	375	100	$216 00	$102 00	12	3	6	475	$318 00
" " " 9.....	360	100	216 00	91 65	12	3	6	460	307 65
" " " 16.....	370	103	216 00	110 66	12	3	6	473	326 66
" " " 23.....	378	105	216 00	114 00	12	3	6	483	330 00
" " " 30.....	384	95	216 00	120 98	12	3	6	479	336 98
	1867	503	$1080 00	$539 29				2370	$1619 29

TABLE—F Continued.

SEVENTH DISTRICT. JOSEPH McGEE, Sup't.	Garbage and Ashes Removed.	Street Dirt, Sand, &c., Removed.	Cost of Removal of Garbage.	Cost of Removal of Street Dirt, Sand, &c.	Number of Garbage Carts Employed.	Number of Street Carts Employed.	Number of Scrapers and Sweepers Employed.	Total Amount of Loads Removed.	Total Amount of Expenditures.
Week ending August 6.....	370	110	$216 00	$105 66	12	3	6	480	$321 66
" " " 13.....	387	102	216 00	110 66	12	3	6	489	326 66
" " " 20.....	400	103	216 00	109 33	12	3	6	503	325 33
" " " 27.....	398	126	216 00	127 33	12	3	6	524	343 33
	1555	441	$864 00	$452 98				1996	$1316 98
Week ending September 3.....	399	134	$216 00	$114 00	12	3	6	533	$330 00
" " " 10.....	382	112	216 00	112 31	12	3	6	494	328 31
" " " 17.....	377	128	216 00	108 98	12	3	7	505	324 98
" " " 24.....	393	120	216 00	122 48	12	3	6	513	338 48
	1551	494	$864 00	$457 77				2045	$1321 77

Week ending October 1.....	398	114	$216 00	$107 33	12	3	6	512	$323 33
" " " 8.....	438	107	216 00	109 83	12	3	6	545	325 83
" " " 15.....	409	117	216 00	113 16	12	3	6	526	329 16
" " " 22.....	395	132	216 00	112 33	12	3	6	527	328 33
" " " 29.....	439	123	216 00	127 33	12	3	6	562	343 33
	2079	593	$1080 00	$569 98				2672	$1649 98
Week ending November 5.....	435	135	$216 00	$111 66	12	3	6	570	$327 66
" " " 12.....	434	119	216 00	107 66	12	3	6	553	323 66
" " " 19	420	91	216 00	94 98	12	3	6	511	310 98
" " " 26.....	453	135	216 00	124 33	12	3	6	588	340 33
	1742	480	$864 00	$438 63				2222	$1302 63
Week ending December 3.....	459	114	$216 00	$110 66	12	3	6	573	$326 66
" " " 10.....	459	119	216 00	113 16	12	3	6	578	329 16
" " " 17.....	460	113	216 00	114 00	12	3	6	573	330 00
" " " 24.....	473	108	216 00	109 98	12	3	6	581	325 98
" " " 31.....	504	98	216 00	72 98	12	3	6	602	288 98
	2355	552	$1080 00	$520 78				2907	$1600 78

TABLE F—Concluded.

Amount of appropriation.....		$18,220 00
Amount expended for removing garbage and ashes, from January 1st to December 31st, 1892	$11,232 00	
Amount expended for removing street dirt, sand, &c., from January 1st to December 31st, 1892	5,185 75	
Salary of Superintendent, from January 1st to December 31st, 1892	999 96	
		17,417 71
Unexpended balance.....		$802 29

THIRTY-THIRD ANNUAL REPORT

— OF THE —

CITY SOLICITOR,

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

LAW DEPARTMENT—CITY HALL.

BALTIMORE, January 14th, 1893.

To the Honorable the Mayor and the
First and Second Branches of the City Council.

GENTLEMEN:

In accordance with the duty imposed upon the City Solicitor by the Third Section of Article XIII of the Baltimore City Code of 1879, I respectfully submit the following annual report of the Law Department of the City of Baltimore.

Since the last report from the Law Department, there has been an almost complete change in the personnel of the Department, the Examiner of Titles being the only member of the Department who has remained in office.

The Hon. William A. Hammond, the late City Solictor, died in September, 1892, after a long and painful illness. He had discharged the duties of the office of City Solicitor with signal industry, fidelity and ability during the two years and seven months that he had held the office. This is not the place to dwell on his fine and high personal qualities, but it is

not improper that the records of the City he served so well, should bear some slight testimony of his worth. He was an able and skillful lawyer, a faithful and industrious public servant, and a public spirited and upright citizen. His death was a great loss to his profession, to the Municipal Corporation and to the community in which he lived. Higher praise no man can deserve.

The office of City Counselor was also made vacant by the elevation of the Hon. Albert Ritchie to the bench, and I was appointed in his place. Upon the death of Mr. Hammond, I was made City Solicitor, and Mr. Thos. G. Hayes was appointed City Counselor.

By Ordinance No. 25, approved March 8th, 1892, the office of City Attorney was created, following the suggestions contained in the last two annual reports of the City Solicitor, and also in the last annual message of the Mayor. I was appointed to the office, and upon my being promoted to the City Counselorship, Mr. James P. Gorter was appointed City Attorney. From my personal experience in the office, and from my observation, since I have been City Solicitor, I can without hesitation say that such an office should have been created. It enables closer attention to be given to the tax cases than was possible with the inadequate force formerly provided for this Department. Besides attending to the tax cases, since Mr. Gorter has been appointed City Attorney, he has given me valuable assistance in the trial of the case of Stein vs. The

Mayor and City Council, hereafter referred to, and answering a number of applications for legal advice from the different City departments.

The cases against the City in the Court of Appeals, in the Superior Court and in the United States Courts, are under the immediate care of the City Counselor.

In respect to those cases I am advised as follows:

IN THE COURT OF APPEALS.

Madison

vs.

The Harbor Board.

In this case, the Court of Appeals affirmed the action of Judge Harlan, sitting in the City Court, where, on an application for a mandamus to compel the Harbor Board to award the contract for certain dredging to the petitioner, he decided that under Ordinance No. 44, of April 4th, 1886, it was in the discretion of the Harbor Board to determine upon the qualifications of bidders for the contract for the dredging to be done for them. By the pleadings in the case it was admitted that the Harbor Board acted in good faith. It was insisted, however, that they had made an error in deciding as to Madison's qualifications as a bidder. This the court decided could not be enquired into, but held that the decision of the Harbor Board, when made in

good faith, was final, and dismissed the petition with costs. Madison appealed to the Court of Appeals. That court affirmed the decision of the lower court.

Ehlen

vs.

Ehlen.

This case is a second appeal in the case of Marbury vs. Ehlen, reported in 72 Md., 209. The time having arrived for the distribution of the fund, the court below ordered a distribution in accordance with the opinion of the Court of Appeals. The case was again taken to the Court of Appeals and reversed. As I have been unable to get a copy of the opinion I am unable to state what that decision is. The whole controversy, as you were informed in Mr. Hammond's report for 1890, grew out of a transfer of city stock standing in the name of the late John F. Ehlen as trustee. What was done during the time Hon. Albert Ritchie was City Counselor in his department will appear in the accompanying communication from him. Since Mr. Hayes has been City Counselor no cases of the City's have been held in the Superior Court.

COURT OF COMMON PLEAS.

The only case in this court, which has been tried, is the case of William H. War vs. The Mayor and City Council of Baltimore. This was an action for injuries received by the fall of an elevator, on which the plain-

tiff was being lowered in the Cross Street sewer. The jury brought in a verdict for $12,000 for the plaintiff. The plaintiff was undoubtedly very badly hurt, but the verdict was in my opinion excessive. Besides this, I thought there should have been a verdict for the defendant, on the ground that there was no fault of any of the officials or agents. A motion for a new trial has been made and is still undisposed of. If this should be overruled, the case will be taken to the Court of Appeals, where I hope the City can obtain a reversal.

Cooper

vs.

Mayor and City Council.

This was a suit for personal injuries received by the plaintiff, a physician, falling over pipes wrongfully left by the Water Department's men on Cooksie street at night, without any light or guard to protect passers-by. On investigation I saw the claim had merits, and with the consent of the Mayor, I compromised it by assenting to a verdict for $250.

Fitzpatrick

vs.

Mayor and City Council.

This was a suit brought by a workman on the sewer on North avenue to recover for personal injuries alleged to have been received by reason of the defective material, and also of the incompetency of the co-

employees of the plaintiff. After consultation with the Mayor, I thought it best for the City's interest to compromise the case by assenting to a verdict for $200.

There are seven damage cases pending against the City in this court upon the trial docket, besides a number which have been referred to in the reports of former City Solicitors, and which are now peacefully slumbering upon the stet docket.

There is nothing about any of these cases calling for any special mention.

IN THE BALTIMORE CITY COURT.

The Mayor and City Council

vs.

Grieves.

This was a suit brought to collect the license fee charged under Ordinance No. 116, of 1891, for selling country produce in the market. The Court (Harlan, J.) held that the ordinance was invalid, being an attempt to collect a license tax for the privilege of selling produce in the wholesale produce market. The Court of Appeals in the case of State vs. Rowe, 72 Md., 548, had decided that the Mayor and City Council, under its charter, had no power to lay such a tax.

Winans

vs.

Mayor and City Council.

This was a suit brought to recover compensation for the use and occupation of land belonging to the plaintiffs. The City for sixteen or seventeen years had used as a public highway a portion of the plaintiff's land, under a misapprehension as to the proper location of the public road leading to Ferry Bar. The land was not only used as a road, but it has been cut down, graded and shelled. It seemed to me advantageous to settle the claim, and I did so, after consulting the Mayor, by suffering a judgment to go against the City for $300.

Madison

vs.

Harbor Board.

This is the petition for a mandamus to compel the award of the dredging contract to the petitioner. It was decided in favor of the Harbor Board, both in this Court and in the Court of Appeals. The case is more fully referred to in the portion of this report treating of cases in the Court of Appeals.

Stein

vs.

Mayor and City Council.

This was an action brought to recover damages for an injury sustained by an elderly female by slipping

and falling in Cross Street Market. The allegation being, that the market was in an unsafe and filthy condition through the negligence of the clerk of the market, and that the City, being the owner of the market premises, was responsible therefor. The court directed a verdict for the defendant, on the ground that there was no legally sufficient evidence that the alleged filth had been in the market long enough to require the clerk of the market to know of its existence and to remove it.

Hopkins, Collector,

vs.

Baker.

This was a suit for taxes, brought by the Collector against the defendant, whose legal residence is in Baltimore county, but who maintains, during the winter months, an establishment in the City. The taxes in dispute were levied on furniture alleged to be permanently located in the City. On a demurrer, the court decided that furniture was property of a character, which could, within the meaning of the Constitution, be permanently located in a different county or city from the one where its owner lived, overruling the contention on behalf of the defendant that no personal property could be "permanently located," save machinery or other property which was not capable of being moved from place to place. The case has not yet been heard on the facts. There are pending, in this court, eight damage suits against the City,

none of which call for any special comment. There are also pending suits by the City Collector against John S. Gittings for disputed taxes, and by the Mayor and City Council against the Baltimore Union Passenger Railway Company; the Baltimore, Catonsville and Ellicott City Railway Company; the president, managers and directors of the Baltimore and Yorktown Turnpike Road; the Baltimore and Hampden Railway Company; the North Baltimore Passenger Railway Company; the Baltimore and Powhatan Railway Company; and the Baltimore, Pimlico and Pikesville Railway Company, for the park tax in arrears.

Appeals from the awards of the Commissioners for Opening Streets in the matter of the following streets, have been demurred: Cleveland street, two appeals, both affirmed; Ward street, one appeal affirmed; Durham street, one appeal, which after consulting with the Commissioners for Opening Streets, and after hearing the evidence, I agreed should be increased $366.66, so as to make the total amount awarded to the plaintiff $1,900; in Whitelock street there was a motion to quash the proceedings, which was overruled, and there were also three appeals; one was by the estate of Charles Wannenwitsch, in this case the benefits were increased to the sum of $5,380 by consent, an increase of a little over $1,100, it appearing that the appellant had had adversary possession of a piece of ground for over twenty years, and which the Examiner of Titles reported to be a public road dedicated to the public.

It is proper to state that the Examiner of Titles was borne out in his report by the land records.

Both of the other appeals were affirmed. One was from nine different assessments of benefits on nine different lots of ground.

There were two different appeals from the awards for the opening of McCulloh street, one was affirmed as to both benefits and damages, and the other was affirmed as to benefits, and an increase of $195 as to damages was allowed by the jury.

On the whole, the result showed that the Commissioners for Opening Streets had been both careful and intelligent in performing their duties.

CIRCUIT COURT OF BALTIMORE CITY.

In this court no case of any importance to the City has been acted upon, since the last annual report of the City Solicitor.

A number of suits are pending in which the City is a party. Some of them are bills for injunction, others suits to complete the title to property which the City is about to acquire, under condemnation proceedings.

The only case of any importance, brought in this court, is the case of the Lake Roland Elevated Railway Company vs. The Mayor and City Council of Baltimore.

In this suit the right of the Mayor and City Council of Baltimore, to repeal a grant of the privilege to lay

car tracks on one of the public streets of the City, will be passed upon. In my judgment it is of more importance to the City than any question which has been before the courts for a number of years. A *pro forma* decree was taken dismissing the bill, the plaintiff appealed and the case will be probably disposed of in the Court of Appeals in February or March of this year.

CIRCUIT COURT No. 2 OF BALTIMORE CITY.

Stieff

vs.

Mayor and City Council and Schneider.

In this case the Commissioner for Opening Streets had accepted a surrender of an entire lot, when only a portion was needed, for the widening of Fayette street. The owner of the lot had given an option to purchase, of which the Commissioners for Opening Streets had notice, upon it to a third party. The option was afterwards exercised, and the plaintiff, who claimed through this option, filed a bill to restrain any interference on the part of the City or those claiming through it, with any portion of the lot not actually needed for public purposes.

As it seemed probable that the plaintiff had a right to his injunction, and as the delay that would have been thus caused would have been very injurious to the public interests, and would have delayed for a long time a much needed public improvement, I agreed after

conferring with the Commissions for Opening Streets to allow a decree to be entered giving the plaintiff $300 more for the lot than had been awarded by the Commissioners for Opening Streets. This I considered a very advantageous settlement.

No other case of any importance to the City has been tried in this Court, although the City has been a normal party in several of them. There was also a condemnation of a tract of land belonging to Mr. Francis White, consisting of about nine acres. The jury awarded $30,100. This seemed to me an excessive award, and after consulting the Park Board, I excepted to the award. These exceptions are now pending in the Circuit Court.

The City Attorney is now examining the new City Code, which was arranged by Hon. John P. Poe, but which has not yet been adopted. He has, he informs me, compared about two-thirds of the statutes with the originals. He requested Mr. H. Arthur Stump, Esq., to assist him in this work.

Respectfully submitted,

WILLIAM. S. BRYAN, JR.,
City Solicitor.

LAW DEPARTMENT—CITY HALL.

BALTIMORE, January 14th, 1893.

Wm. Shepard Bryan, Jr., Esq., City Solicitor:

In pursuance of the request made by you, while preparing your report of the Law Department for the year 1892, I send you the following in respect to the cases in the Court of Appeals, the United States Courts and the Superior Court, which were in my charge up to September 23d, 1892, the time of my resignation of the office of City Counselor.

Farrell's case, in the Court of Appeals, was an appeal from the opening of Durham street, which had been dismissed by the City Court for irregularity. The decision was reversed. It involved a very small amount.

The appeal of Stephens and Abell in their suit for the destruction of five houses by an overflow of Schroeder Run sewer, in which the verdict was for the City, has been abandoned.

There were several cases pending in this court of which you will be advised by Mr. Hayes, my successor.

CIRCUIT COURT OF THE UNITED STATES.

Isaac S. Filbert

vs.

The Mayor and City Council of Baltimore.

In this case a very large amount of evidence was taken on behalf of the plaintiff, before the Master, on the question of damages, and the plaintiffs have about closed their testimony.

Brickill et al.

vs.

Mayor and City Council of Baltimore.

The demurrer in this case, referred to in the report for 1891, and which raised the question of the validity of the patent, was argued and overruled. Among other defenses, then put in on behalf of the City, was the State statute of limitations, and to this plea the plaintiffs demurred. This most important question in this case was fully argued, orally and on printed briefs, on behalf of the City, the question of the applicability of the State statute, to a suit for infringement, never having been passed on by the Supreme Court, and the decisions of the Circuit Courts being in conflict. This defense, if sustained, would bar recovery for all alleged infringements subsequent to 1874, and it is not thought that the City used the machines complained of to any considerable extent, if at all, prior to 1874. Judge Morris, in a written opinion, fully reviewed the question, and, while he states that in view of the weight of authority he felt obliged to sustain the demurrer, he further expresses his individual opinion to the effect that the position of the City on this question is right, and states that on the trial he will direct the jury in their verdict, in case it should be against the City, to make a separate estimate of damages, so that the case may be finally disposed of on an appeal without the necessity of another trial.

Beard

vs.

Mayor and City Council of Baltimore.

This is a suit brought last March for alleged infringement of a patent for a sewer trap. A similar suit was tried by me in 1891 and decided in favor of the City.

Stuart

vs.

Mayor and City Council of Baltimore.

This case, for alleged infringement of the patent for granolithic pavement, stood at the time of my resignation in same condition as at the last report. The plaintiff has taken no further steps. As already stated, the City is fully indemnified against loss, by bond taken from the contractors.

IN SUPERIOR COURT.

Lamp

vs.

Mayor and City Council of Baltimore.

In this case the plaintiff recovered a verdict of $450 for injury to his premises by the overflow of Druid Hill Avenue sewer. The judgment has been paid and entered satisfied.

State, use of McNamara,

vs.

Mayor and City Council of Baltimore.

This was a suit to recover $15,000 for the death of James McNamara, alleged to have been caused by the negligence of some of the City's firemen. On demurrer to the declaration, judgment was entered for the City.

William Murphy

vs.

Mayor and City Council of Baltimore.

Jeremiah Murphy

vs.

Mayor and City Council of Baltimore.

As stated in the report for 1891, William, the son, recovered a verdict of $2,000 for very serious injuries, caused by being thrown against the barbed wire fence around one of the Mount Royal Avenue Squares. The motion for a new trial was subsequently signed, and the court ordered that a new trial should be granted, unless the plaintiff consented to an abatement of $1,000, and provided the defendant waived its exceptions. With the approval of the Mayor, the proposition was made to pay $1,000 in this case, and allow Jeremiah, the father, $250 in the other case, for the loss of his son's services. This was finally accepted, the money paid, and both cases closed.

Harrigan

vs.

Mayor and City Council of Baltimore.

This was a suit for $2,000 damages to property for injuries, caused by overflow of property from sewer and obstruction to drainage by the grading of Mount Royal avenue. The verdict was for one cent damages, the plaintiff to pay all costs.

Saulsbury

vs.

Mayor and City Council of Baltimore.

This suit was for damages to three houses on Hughes street, immediately adjoining Federal Hill Park, alleged to have been caused by the City's embankments and interference with the flow of surface water. This property was desirable as an addition to the park, and I recommended that the litigation be disposed of by a purchase of the property. This was approved of by the Mayor, and an ordinance was passed authorizing the Park Board to buy it. After much negotiation between counsel, the sum of $7,750 was agreed upon, the property bought and paid for, all claims for damages abandoned, and the suit entered settled.

Pedrone

vs.

Mayor and City Council of Baltimore.

This was a suit for $10,000 for very severe injuries received by an employee in the City's Fire-Alarm

Telegraph Department. With the approval of the Mayor, the case was settled by payment of $100.

Presstman

vs.

Mayor and City Council of Baltimore.

This was a suit of ejectment to recover a parcel of ground, part of which was included in the bed of Mount Royal avenue, as actually opened (though not within the lines of condemnation), partly in one of the Mount Royal Terraces, and on part of which a portion of the abutment of the North Street bridge had been built. On an examination of title, the Examiner reported that the property belonged to the plaintiff, and with the approval of the Mayor, the suit was settled by me by the purchase of the property for $3,000. The deed has been executed and delivered, and the money paid.

Several other suits were brought in the Superior Court, of which you will be advised by Mr. Hayes, but which require no special mention from me.

Very truly, yours,

ALBERT RITCHIE.

ANNUAL REPORT

— OF THE —

Judges of the Appeal Tax Court

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

APPEAL TAX COURT—CITY HALL.

BALTIMORE, January 1st, 1893.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

We beg leave herewith to submit the result of the labors of this department for the year ending on the 31st day of December, 1892.

Tabular Statement "A" shows the taxable basis charged to the City Collector for the years 1890 to 1892, both inclusive, with the assessments added to each, and the collection and abatement made on each.

Table "B" exhibits by wards, the number of building permits issued during the year.

Table "C," the Assessors' report, shows the number of new buildings and additional improvements assessed by the Court's Assessor, the wards in which they are severally located, and the detailed and aggregate valuation of the same.

Following these tables will be found the reports respectively of the Assessors for Real Estate, and the Bailiffs.

TABLE A.

Statement of Property for Each Year Charged

1890.	*Real.*	*Personal.*
Amount of assessment unpaid January 1st, 1892...	$11,849,943	$5,517,539
Amount of new assessments.		500
	$11,849,943	$5,518,039
1891.		
Amount of assessment unpaid January 1st, 1892...	$64,554,982	$14,211,130
Amount of new assessments.	92,527	859,247
	$64,647,509	$15,070,377
1892.		
Amount of assessment remaining part of basis 1891.	$211,262,707	$40,445,040
Amount of new assessments.	2,513,648	2,129,490
Amount of assessments, judgments.....		390,611
Amount of assessment, incorporated companies....		30,011,100
Amount of new assessments.	68,987	822,359
	$213,845,342	$73,798,600

TABLE A.

to the City Collector December, 31st, 1893.

1890.	*Real.*	*Personal.*
Amount of abatements during 1892	$608,893	$2,193,932
Amount collected during 1892	10,556,042	1,189,725
Amount remaining uncollected	685,008	1,394,382
	$11,849,943	$5,518,039
1891.		
Amount of abatements during 1892	$864,614	$4,478,997
Amount collected during 1892	53,590,255	6,279,838
Amount remaining uncollected	10,192,640	4,311,542
	$64,647,509	$15,070,377
1892.		
Amount of abatements during 1892	1,183,105	3,740,017
Amount collected during 1892	149,442,578	56,359,680
Amount remaining uncollected	63,219,659	13,698,903
	$213,845,342	$73,798,600

RECAPITULATION.

Amount for Different Years that is Charged to the City Collector, January 1st, 1893.

1888		$ 1,722
1889		2,763
1890—Real	$ 685,008	
Personal	1,394,382	
		$ 2,079,390
1891—Real	10,192,640	
Personal	4,311,542	
		14,504,182
1892—Real	63,219,659	
Personal	13,698,903	
		76,918,562
		$93,506,619
Less amount of plant, 1892..	$ 1,537,061	
Less Consolidated Gas Company plant	590,219	
		2,127,280
		$91,379,339

TABLE B.

The Number of Permits Issued from January 1st, 1892, to December 31st, 1892, for New Buildings and Improvements were:

Wards.	New Improvements.	Additional Improvements.	Total.
1	143	59	202
2	21	20	41
3	6	13	19
4	24	10	34
5	10	9	19
6	11	16	27
7	238	45	283
8	57	23	80
9	10	19	29
10	13	17	30
11	5	18	23
12	64	33	97
13		10	10
14	4	18	22
15	1	14	15
16	20	28	48
17	139	36	175
18	163	37	200
19	98	33	131
20	29	29	58
	1,056	487	1,543
21	292	122	414
22	264	96	360
	556	218	774

To the Honorable the Judges
of the Appeal Tax Court.

GENTLEMEN:

I most respectfully submit the following as my report for the year ending December 31st, 1892, of the number of new and additional improvements, the several wards in which they are located, and assessed value of the same.

TABLE C.

Wards.	New Improvements.	Additional Improvements.	Value.
1	163	59	$145,000
2	19	18	32,500
3	5	16	22,200
4	31	8	68,850
5	8	15	51,050
6	9	15	17,300
7	422	59	396,300
8	82	20	91,500
9	8	11	131,000
10	8	11	108,600
11	9	22	73,300
12	53	30	163,450
13		9	2,350
14	4	9	18,500
15		7	2,850
16	12	33	37,500
17	130	38	102,100
18	206	46	172,800
19	176	38	289.450
20	65	27	95,950
Totals..	1,410	491	$2,022,550

Very respectfully,

JOSHUA D. TAYLOR,

Assessor.

BALTIMORE, January 3d, 1893.

To the Honorable the
Judges of the Appeal Tax Court.

GENTLEMEN:

The undersigned Assessors have the honor to submit for your consideration their report for the year ending December 31st, 1892.

For abatements allowed on real estate, made on petitions of owners claiming to be over-assessed, see tabular statement annexed.

Wards.	No. of Appeals.	No. Dismissed.	No. Granted.	Amount Abated.
1....	26....	13....	13....	$ 6,350
2....	20....	5....	15....	5,750
3....	18....	7....	11....	2,900
4....	14....	4....	10....	2,850
5....	31....	5....	26....	10,425
6....	44....	20....	24....	7,480
7....	30....	19....	11....	2,850
8....	30....	15....	15....	4,600
9....	64....	32....	32....	33,800
10....	19....	11....	8....	8,400
11....	24....	14....	10....	6,000
12....	54....	24....	30....	31,150
13....	27....	11....	16....	5,000
14....	40....	24....	16....	7,000
15....	30....	16....	14....	8,550
16....	39....	11....	28....	8,000
17....	13....	3....	10....	13,250
18....	39....	19....	20....	4,250
19....	103....	60....	43....	19,750
20....	42....	24....	18....	7,100
	707	337	370	$195,455

Respectfully submitted, GEO. W. MASSAMORE,
E. ROSENBAUM,
Assessors.

FRANCIS X. JENKINS, *Clerk.*

CITY COLLECTOR'S OFFICE—CITY HALL.

BALTIMORE, January 3d, 1893

To the Honorable the Judges
of the Appeal Tax Court.

GENTLEMEN :

The undersigned reports the Bailiffs' Department as having made assessments of personal property to March 1st, 1892, of the following amount: Two million one hundred and twenty-nine thousand four hundred and ninety dollars ($2,129,490).

Respectfully submitted,

P. SCANLAN,

Bailiff.

PLANT.

The exemption from City taxes for plant in 1892 aggregate a total of $1,537,061 to individuals, and exemption to Consolidated Gas Company, $590,219; total, $2,127,280, against $2,031,450 for 1891.

REFUNDS.

From January 1st, 1892, to January 1st, 1893, there have been one hundred and three (103) orders for refunding of taxes given generally to parties who have paid in error, either as double payments, or on wrong property, or have paid on old improvements, torn down, as well as on the new improvement.

TRANSFERS.

From January 2d, 1892, to February 15th, 1892,	2,521
From May 17th, 1892, to December 31st, 1892...	4,686
Total	7,207

The urgent necessity for a complete reassessment of the real and personal property of the City of Baltimore has been set forth and strongly and earnestly recommended in the annual reports of this Court for the past several years.

The lapse of years, bringing with it the steady growth of the City, and the changing of its centres of trade from one locality to another, the extinction of certain industries and manufactures, the abandonment

of one section of the City as a fashionable quarter for another, the shrinkage of commerce, a premature and disproportionate amount of building, all tend to destroy the accuracy of the original assessments of property affected by these changes.

This Court again most anxiously trusts that the next General Assembly of Maryland will pass such a remedial measure as is anxiously desired by all classes of citizens of Baltimore, in order that the burdens of taxation may be justly and equitably distributed.

Respectfully submitted,

WM. H. B. FUSSELBAUGH,

E. J. CHAISTY, Jr.,

E. T. JOYCE,

Judges of Appeal Tax Court.

Thos. K. McCormick, *Chief Clerk.*

Michael H. Doyle, *Assistant Clerk.*

ANNUAL REPORT

— OF THE —

EXAMINER OF TITLES

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

REPORT.

BALTIMORE, January 5th, 1893.

To the Honorable

Ferdinand C. Latrobe, Mayor, &c.

DEAR SIR:

I beg herewith to submit my annual report of the work done in the department of the Examiner of Titles during the year 1892.

First.—Preliminary examinations of the following street titles were made, to wit:

Stockholm street, from Scott street to Ridgely street.

Randall street, from Covington street to Webster street.

Webster street, from Fort avenue to Randall street.

Covington street, from Cross street to Fifth lane.

Whitelock street, from Linden avenue to North avenue.

Townsend street, from Harford avenue to Caroline street.

Dorsey's lane, from Franklin street to Edmondson avenue.

Henry street, from Randall street to Fort avenue.

Eutaw and Biddle streets, at their intersection.

Eastern avenue, from Luzerne street to Eastern City limits.

St. Paul street, at northwest corner of Lexington street to Dark lane.

North avenue, from Belair avenue to Mine Bank lane.

Bouldin alley, from Bloom street to Baker street.

Second.—The final examination of titles, leasehold and realty in the matter of the widening of Fayette street, between Calvert and Liberty streets, has occupied a considerable length of time, and been attended with considerable but necessary litigation, instituted at the suggestion of the Examiner for the purpose of enabling the City to pay its money to those legally entitled, whose property was taken in the widening of that street, and who could not execute proper releases to the City, because of legal disability or other sufficient cause.

Nearly the whole of the examination in this street was done in the year 1892, and now but a few more titles remain to be finished.

In the litigated cases now pending the City can only pay under an order of court, but at the request of the

Examiner, the counsel having the cases in charge are progressing with them to a decree as rapidiy as can safely be done.

In this connection I respectfully suggest the necessary and proper legislation, whereby in all cases of street opening or widening, such as Fayette street, (and as was the case in East Baltimore street at the "Narrows"), that the City, from the time of paying its money to the owners of the property taken until the building material therein is removed under the provisions of the ordinance of condemnation, (as by right it ought to be so) should be entitled to and should receive any and all revenue and income, or by whatever name it may be called, *for use and occupation*, which may be derived from the building or buildings so paid for.

Third.—In addition to streets, the titles of the following property purchased or leased under existing ordinances for school-house purposes were also examined in this department during the year 1892, to wit:

Monroe Street and Harlem Avenue Grammar School No. 18

Pennsylvania Avenue and Dolphin Street English-German School No. 1.

Hill Street, addition to No. 3 School.

Park Avenue Grammar School No. 19.

Frances Street Annex School No. 8.

Old Frederick Road Annex School No. 35.

Fourth.—Examinations were also made for the Park Commission for property purchased as an addition to Federal Hill Park, and also in the matter of the condemnation of land contiguous to Druid Hill Park, in which Mr. Francis White and the City are interested parties.

In addition to the aforegoing work, the Examiner has rendered service, from time to time, when called upon by the Council and by the various departments, requiring the same in the execution of the duties of their offices, which services are not detailed, because not necessary.

All of which is respectfully submitted.

JAS. W. McELROY,

Examiner of Titles

ANNUAL REPORT

—OF THE—

BOARD OF VISITORS

— OF THE —

JAIL OF BALTIMORE CITY

—TO THE—

Mayor and City Council of Baltimore,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

OFFICERS

— OF THE —

BALTIMORE CITY JAIL,

1893.

BOARD OF VISITORS:

HON. F. C. LATROBE, *Ex-Officio.*
JOHN RICHARDSON.
FRANK WHALEN.
HARRY F. TURNER.
HIRAM G. DUDLEY.
A. C. N. MATTHEWS.
AUGUST BERKEMEIER.

PRESIDENT OF THE BOARD:

JOHN RICHARDSON.

SECRETARY TO THE BOARD:

FRANK WHALEN.

Warden, - - - - DANIEL CONSTANTINE.

COMMITTEE:

FINANCE:
MATTHEWS.
WHALEN.

REPAIRS:
BERKEMEIER.
TURNER.

DISCIPLINE:
RICHARDSON.
WHALEN.
BERKEMEIER.

SUPPLIES:
WHALEN.
DUDLEY.

SANITARY:
TURNER.
MATTHEWS.

REPORT.

BALTIMORE, January 1st, 1893.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

Herewith you will find a statement of the Board of Visitors of the Baltimore City Jail, showing their management of that Institution for the year ending December 31st, 1892.

The report of the Warden with annexed exhibits shows the receipts, disbursements and a summarized statement of committed prisoners, their offenses and their disposition.

We have expended during the year $53,338.47, leaving $1,661.53 balance of our appropriation in the hands of the Comptroller.

We estimate that $60,000 will be required to maintain properly the Institution during 1893, and ask that you appropriate that amount.

When you consider the character and condition of a large proportion of the prisoners cared for in the

Jail, its sanitary condition reflects great credit upon the visiting physician Dr. Hart and its officers.

The Warden, Mr. Daniel Constantine, and his efficient deputies have earned our commendation for the high standard of discipline maintained during the year.

All the labor and ordinary repairing has been done by prisoners under the direction of the Warden.

Respectfully submitted,

FERDINAND C. LATROBE, Mayor.

Ex-Officio Member.

JOHN RICHARDSON,
HIRAM G. DUDLEY,
FRANK WHALEN,
H. F. TURNER,
A. C. N. MATTHEWS,
AUGUST BERKEMEIER,

Board of Visitors.

Report of the Warden.

REPORT.

BALTIMORE, MD., January 1st, 1893.

To the Honorable the Board of Visitors
of the Baltimore City Jail.

GENTLEMEN:

I have the honor to submit herewith my annal report of the operations and general conduct of the Baltimore City Jail for the year ending December 31st, 1892.

The number of prisoners committed for drunkenness and minor offenses, was 7,759; for trial, 2,466; for House of Correction, 217; for House of Refuge, 1; for Industrial School for Colored Girls, 7; for House of Reformation, 44; making the total committed for the year, 10,494.

The daily average of prisoners for the year was 467, a decrease from the daily average of last year of 30. This decrease was mainly brought about by the change in the law in reference to "drunk and disorderly" cases which went into effect in June last. The change has not had all the advantages expected from it, simply from the difficulty the station-house magistrates have of knowing, when such cases are brought before them, whether it is the first, second, third or

fourth offense. There are individual cases within the period of sixty days, where the same person has been committed successively for 7 days by each one of several magistrates, they not knowing that the other had committed the same party for the same period. This could be obviated by amending the act giving the Board of Visitors of the City Jail the authority to fix the time for this class of prisoners, the magistrate simply committing them in default of paying fine and costs. The Jail authorities will always know when the prisoner is committed the second, third or fourth time within the fixed period; seven days for first offense and such time as may be settled upon for second, third and fourth offense within the sixty days. The longer time should not be fixed as punishment, but in hopes that it might subdue their desire for strong drink. As we are required to receive tramps and habitual drunkards, a lengthened period of enforced industry and abstinence from strong drink, with the moral instruction they would receive in the meantime by our able chaplains and their assistants, might reform them.

The earnings of the Jail for the year, paid into the City Treasury, were $6,560.99, an increase over the previous year of $340.63. $5,257.59 was for prison labor on contract work, $1,232.90 for board of United States prisoners and $70.50 board for Kent County Maryland prisoners. There is still due, which we expect to collect early in the coming year, $1,865.26 on account of contracts; from Baltimore County $18.50

and from Charles County $30, making the total earnings of the Jail for the year of 1892, $8,474.75.

The appropriation of the Mayor and City Council for the maintenance of the Jail for the fiscal year of 1892 was $55,000, of this there was expended for—

Officers' salaries, physician, gardener and baker	$26,564 68
Subsistence of prisoners	13,100 23
Private subsistence, etc	2,268 60
Fuel and light	5,530 09
Hospital	779 63
Expense	1,377 44
Sanitary	1,590 80
Clothing and dry goods	2,127 00
	$53,338 47
Balance in Comptroller's hands	1,661 53
Total appropriation	$55,000 00
Amount paid to Comptroller derived from various sources	$6,560 99

The annual cost of maintaining prisoners, per capita, was $114.22.

The annual cost, per capita, for food alone being $28.05.

It is very gratifying to be able to state that notwithstanding the subsistence department has been fur-

nished with everything the best of its kind and of satisfactory quantities, we have been able to leave in the hands of the Comptroller sixteen hundred and sixty-one dollars and fifty-three cents. This has been accomplished by the utmost care and watchfulness in seeing that there is nothing wasted, and at the same time the prisoners get their full allowance, which is attested by their uniform health and general good condition.

The prisoners other than those used on contract have been kept constantly at work at the various duties about the prison; the mechanics among the number have been utilized at their various trades, carpentering, bricklaying, painting, blacksmithing, tinning, machine work, and in fact all kinds of work required to keep such an institution in repair, which is no small task, considering the age of this building; we likewise make all the utensils used in the culinary department.

Among the most important of the improvements were two sewers put down in the front yard, of terra cotta of about sixteen inches diameter each; one about one hundred and fifty-eight feet long and the other about one hundred and eighty-three feet long. They were bedded in cement and will last a long time. The sewers previously used were very defective, the ground was continually settling, caused by the burroughing of rats which entered through the defective sewers, causing the continual filling up and regrading of the ground.

A small sewer was also put down in the back yard to carry off the storm-water from and around several of the outhouses. We have dry ground around them now. Two hospital cells were fitted up on each of sections one and two, and they have done good service. The doctor believes they enabled him to save two lives.

The surface-blow from the boilers was arranged very unsatisfactory, particularly in cold weather, it covered the yard with ice in its vicinity and to remedy the defect we sunk the pipes under ground and sunk a large tank to receive the condensed steam and sediment, which acts very satisfactorily.

A much needed improvement was the erection of a new bake-house and store-rooms. It is much more economical and satisfactory than the old one, which had become so dilapidated that it was no longer fit for use.

We have also arranged for a quick delivery of water in case a fire should occur in any of our out-houses. We have a stand-pipe erected, connected to a fire-plug and hose, so that we can put water in two minutes any where from three to four hundred feet from the plug.

We added to this prison the past year three padded cells which will certainly commend itself to all humane persons. There is scarcely a day but what we have use for one or more of those cells. Prisoners are often brought in on the verge of delirium tremens, and in a few hours it is fully developed. They are then trans-

ferred to the padded cells where they can do themselves no harm. We frequently have insane persons brought in, and in such cases we find these cells very useful. I believe they are the only padded cells in any institution in this State, and they were made by the prisoners. They may not be as ornamental as some others, but they answer the purpose equally as well.

To provide against accident to our electric lights in the future we have arranged gas pipes so that we can light up instantly on the sections and the hall when such accident may occur.

We have put up about four hundred and fifty feet of new spouting the past year, and we will require a great deal more as the spouting to a large extent is worn out.

There was a great deal of other work done by the prisoners, such as painting, whitewashing, improving the ground and various other works required about such a building.

A much needed addition was the putting down of a granolithic floor in the kitchen—it was important as a sanitary measure as well as being much more cleanly.

With the exception of the bakehouse and granolithic floor, all of the above work was done by prison labor, the Building Inspector furnishing most of the material.

Doctor John B. Hart reports the sanitary condition of the prison all that could be expected. He has vaccinated about five hundred and fifty-nine prisoners—all who required it up to this time. The doctor has been untiring in his efforts to relieve the sufferings of the unfortunate people placed under his charge.

The Doctor's report shows 6,450 patients treated during the year; of this number four died, viz: Patrick Smith, white male; Samuel Degan, white male; George E. Cole, colored male, and Lula Banks, colored female.

The Physician's report attached herewith will furnish particulars.

In accordance with the powers vested in the "Board of Visitors of the Baltimore City Jail," by act of the Legislature, there was transferred from the City Jail to other institutions 29 prisoners.

I beg leave to submit for your consideration the following estimates for the fiscal year now commencing:

Salaries of officers	$27,000 00
Prisoners' subsistence	14,000 00
Private subsistence, etc	2,000 00
Light and fuel	7,500 00
Incidental expenses	2,500 00
Clothing, dry goods, etc	3,300 00
Sanitary department	2,700 00
Hospital account	1,000 00
	$60,000 00

We have made several additions for the betterment of the institution the past year, and I would suggest that during the coming year we put some improved pavement in the basement of the different sections, both as a sanitary measure and to insure more complete cleanliness. We also require a new pavement in the front yard ; if that was done we conld improve the manner of carrying off the storm-water.

I would also renew my suggestion made in my last annual report that there be a light wire screen placed on the different tiers.

And I would likewise renew my suggestion of last year that a portion of the structure attached to the north end of the prison be removed, it would add greatly to the more perfect security of the prisoners.

Accompanying this report you have statements:

Exhibit A, showing monthly average of prisoners.

Exhibit B, showing the number of prisoners committed for various causes.

Exhibit C, showing the number of prisoners and how discharged.

Exhibit D, showing the receipts and expenditures for the year.

I will also thank the officers of the institution for the valuable aid they have rendered me during the year in the conduct of the affairs of the prison.

And in conclusion, gentlemen, I take this occasion to thank you most heartily for the uniform kindness and encouragement you have extended me the past year. All of which is

Respectfully submitted,

DANIEL CONSTANTINE,

Warden.

EXHIBIT A.

Showing the monthly or Daily Average of Prisoners from January 1st to December 31st, 1892.

1892.	
January	580
February	498
March	525
April	510
May	432
June	431
July	459
August	433
September	430
October	419
November	413
December	478
Total	5,608
Average for 1892	467
Daily average for 1891	497
Daily average, 1890	522
Daily average, 1889	471
Daily average, 1888	452
Daily average, 1887	453

The highest number in jail during 1892 was 629—January 14th.

The lowest number in jail during 1892 was 346—November 10th.

EXHIBIT B.

Showing the number of Prisoners Committed for various causes during the year ending December 31st, 1892.

Crimes.	WHITE.			COLORED.			Grand Total.
	Men.	Women.	Total.	Men.	Women.	Total.	
Peace and drunkenness	4,619	455	5,074	2,001	684	2,685	7,759
Larceny	634	35	669	515	151	666	1,335
Assault and battery	362	19	381	286	43	329	710
Assault, intent to kill	57	.....	57	51	5	56	113
False pretences	66	1	67	15	1	16	83
Burglaries	43	3	46	22	.....	22	68
Embezzling	25	1	26	9	.....	9	35
Forgery	8	.....	8	.....	.....	.....	8
Writing and selling policies	15	.....	15	25	2	27	42
Illegal registration	1	.....	1	4	.....	4	5
Violating pension laws	3	.....	3	.....	.....	.....	3
Violating internal revenue laws	10	.....	10	1	4	5	15
Selling liquor on Sundays, &c	1	.....	1	.....	.....	.....	1
Deserting from ship board	22	.....	22	4	.....	4	26

EXHIBIT B—Concluded.

Crimes.	White.			Colored.			Grand Total.
	Men.	Women.	Total.	Men.	Women.	Total.	
Perjury	1	.....	1	.....	.....	.....	1
Bigamy	4	1	5	2	.....	2	7
Common thief, &c	.....	.....	.....	.....	.....	.....	.....
Keeping gaming house	5	.....	5	2	.....	2	7
Witnesses, State and United States	51	3	54	9	7	16	70
Mutiny	8	.....	8	.....	.....	.....	8
Enticing minors for prostitution	6	3	9	3	.....	3	12
Receiving stolen goods	5	1	6	4	.....	4	10
Rape and attempt	13	.....	13	10	.....	10	23
Cruel treatment to seamen	4	.....	4	1	.....	1	5
Illegitimacy	.....	.....	.....	.....	.....	.....	.....
Passing counterfeit money	12	.....	12	3	.....	3	15
Infanticide	.....	.....	.....	.....	.....	.....	.....
Keeping opium joint	1	.....	1	.....	.....	.....	1
Smuggling	1	.....	1	.....	.....	.....	1
Bastardy	2	.....	2	1	.....	1	3

Selling goods without license	7	.....	7	.....	.....	.....	7
Murder	12	.....	12	6	1	7	19
Suspicious characters	.....	.....	.....	.....	.....	.....	.....
Voting illegally, &c.	9	.....	9	.....	.....	.....	9
Keeping bawdy house	5	4	9	1	15	16	25
Mayhem	.....	.....	.....	1	.....	1	1
Harboring female minors	.....	.....	.....	.....	1	1	1
Arson	3	.....	3	1	.....	1	4
Criminal negligence	3	.....	3	.....	.....	.....	3
Indecent exposure	3	.....	3	.....	.....	.....	3
Indecent publication	1	.....	1	.....	.....	.....	1
Violating postal laws	13	.....	13	2	2	4	17
Selling liquor without license	13	1	14	4	5	9	23
Sodomy	1	.....	1	.....	.....	.....	1
Robbing postoffice	4	.....	4	.....	.....	.....	4
Assaulting U. S. Deputy Marshal	1	.....	1	.....	.....	.....	1
Stowaway on steamer	9	.....	9	.....	.....	.....	9
	6,063	527	6,590	2,983	921	3,904	10,494

EXHIBIT C.

Showing the number of Prisoners Committed and how Discharged, for the year ending December 31st, 1892.

Total number of prisoners committed.....			10,494
Sent to Maryland Penitentiary :			
White men.....	91		
" women.....	4		
		95	
Colored men.....	91		
" women.....	27		
		118	
Sent to Bay View Asylum :			
White men.....	19		
" women.....	3		
		22	
Colored men.....	5		
" women.....	4		
		9	
Sent to City Hospital :			
White men.....		4	
Colored men.....		1	
Sent to Industrial School for Colored Girls.....		7	
Sent to House of Refuge for White Girls.....		1	
Amount forward.....		257	10,494

Amounts brought forward....		257	10,494
Pardoned by Governor of Maryland:			
White men.....		2	
Sent to Spring Grove Asylum:			
White man.....		1	
Died in Jail:			
White men.....		2	
Colored man.....	1		
" woman.....	1		
		2	
Removed cases:			
White men.....		2	
Sent to Maryland House of Correction:			
White men.....	119		
" women.....	17		
		136	
Colored men.....	68		
" women.....	13		
		81	
Sent to the House of Reformation for Colored Boys.....		44	
Discharged by Courts, Magistrates, expiration of sentence and otherwise.....		9414	
Remaining in Jail December 31st, 1892.....		553	
			10,494

EXHIBIT D.

Dr. *Summary of the Receipts and Expenditures*

Appropriation from Mayor and City Council	$55,000 00
	$55,000 00

Earnings for the

Received from Chas. S. Beebe on contract work	$5,257 59
Received from U. S. Government, Board for prisoners	1,232 90
Received from Kent Co., Md. Board for Hill murderers	70 50
	$6,560 99

EXHIBIT D.

for the year ending December 31*st*, 1892. Cr.

Officers' salaries	$26,564 68
General subsistence	13,100 23
Private subsistence of Warden's family	2,268 60
Fuel and light	5,530 09
Hospital	779 63
Expense	1,377 44
Sanitary	1,590 80
Clothing and dry goods	2,127 00
	$53,338 47
Balance of appropriation of 1892 in hands of Comptroller	1,661 53
	$55,000 00

year of 1892.

Paid to City Comptroller	$6,560 99
	$6,560 99

Dr. EXHIBIT D—Concluded.

Special Appropriation for the Erec-

Appropriation from Mayor and City Council $3,500 00

$3,500 00

EXHIBIT D—Concluded. Cr.

tion of Annex and Bake-house.

Paid Jos. Thuman, contractor for building.	$3,383 19
Paid Maryland Pavement Co., paving in front of same	87 75
	$3,470 94
Balance of appropriation in hands of Comptroller	29 06
	$3,500 00

PHYSICIAN'S REPORT.

HOSPITAL DEPARTMENT,

BALTIMORE, December 31st, 1892.

To the Board of Visitors Baltimore City Jail.

GENTLEMEN: In submitting my annual report permit me to thank you for the improvements made, which have aided me so much in my work.

The two hospital and padded cells have long been a necessity for the treatment of the seriously ill, and those suffering from acute mania and *mania-a-potu.*

It will be seen from the following report that there have been few patients sent from this institution to hospitals or asylums, notwithstanding the increased number of patients. This and the small number of deaths I attribute to the provision you have made for their care and treatment.

There is, however, another improvement I beg leave to suggest—the erection of wire screens along the tiers, to prevent the prisoners falling over accidentally, or with suicidal intent. I am careful to have all prisoners suffering from epilepsy or alcoholism put on the

lower floor, but, notwithstanding this precaution, epileptics are brought into the Jail and assigned to the upper tiers, and our first knowledge of their disease is when they are taken with a fit; such a man was admitted several weeks ago, and narrowly escaped death by a prisoner being near enough to catch him.

I consider the Jail in a good sanitary condition, for which the Warden deserves much credit.

Owing to a visitation of small pox to our City I deemed it advisable to vaccinate the prisoners, and will continue to use this precaution until the danger of an epidemic has passed; there are many protected in this way who are not accessible to our vaccine physicians.

In conclusion, I desire to extend my sincere thanks to the officers of the Jail, for the uniform assistance given me, and to the Steward, for the intelligent and conscientious manner in which he has discharged his duties.

Very respectfully,

J. B. HART, M.D.,

Physician Baltimore City Jail.

Annual Report from Hospital Department of Baltimore City Jail.

Alcoholism	892	Hemorrhages	16
Asthma	43	Headache	44
Abscess	13	Heart-burn	32
Bubo	40	Insanity	6
Bronchitis	220	Intermittent Fever	73
Burns	21	Liver, Functional diseases of	478
Brights Disease	6	La Grippe	361
Colds and Coughs	731	Mania-a-potu	59
Chancroid	89	Malaria	29
Constipation	525	Morphine Habit	20
Conjunctivitis	54	Neuralgia	175
Consumption	9	Pneumonia	21
Cramps	106	Pleurodynia	73
Catarrh	212	Pedieuli Pubis	70
Diarrhœa	110	Pharyngitis	275
Dysmenorrhœa	8	Rheumatism	365
Dyspepsia	169	Sprains	63
Dysentry	6	Syphilis	140
Dropsy	10	Toothache	112
Dog Bite	1	Uticaria	84
Erysipelas	23	Venerial Worts	23
Exzema	37	Wounds—incised, contused, larcerated, gunshot	210
Epilepsy	24		
Earache	30		
Felon	19		
Fracture	4		
Gonorrhœa	230		
Hemorrhoids	60		
Heart Disease	29		
			6,450

BIRTHS.

April 26th.—Annie Bevins, colored, gave birth to a female child at 11.45 A. M.

DEATHS.

February 28th.—Patrick Smith, white, of old age and general infirmity ; sick eleven days, aged 80 years.

February 29th.—Lula Banks, colored woman, of typhoid fever ; sick ten days, twenty-eight years old.

March 9th.—Samuel Degan, white, aged 45, committed suicide by hanging himself with bed clothes.

April 7th.—Geo. E. Cole, colored, of heart disease, age 23 years.

SUMMARY.

White males	2,969
White females	781
Colored males	1,664
Colored females	1,036
Total	6,450

RESULT OF TREATMENT.

Cured	5,468
Relieved	958
Died	4
Under treatment	20
Total	6,450

SENT TO BAYVIEW ASYLUM, ETC.

White males	6
White females	7
Colored males	7
Colored females	3
Total	23

VACCINATIONS.

Primary.		*Secondary.*	
White males	14	White males	124
White females	10	White females	62
Colored males	4	Colored males	87
Colored females	24	Colored females	134
Total	52	Total	407
			52
Grand total			459

ANNUAL REPORT

— OF THE —

TRUSTEES OF THE POOR

— OF THE —

CITY OF BALTIMORE,

— TO THE —

MAYOR AND CITY COUNCIL OF BALTIMORE,

— FOR THE —

Fiscal Year Ending December 31st, 1892.

OFFICERS OF THE INSTITUTION.

BOARD OF TRUSTEES.

JOSEPH FRIEDENWALD, *President.*

JOHN BLACK, *Secretary.*	JOHN J. PENTZ.
SIMON I. KEMP.	JOHN J. HOFFMAN.
IRA REMSEN.	GEORGE A. BLAKE.

C. W. LEWIS.....Superintendent.
JOHN M. McELROY.....Purveyor.
JOHN R. HAMMETT.....Clerk and Storekeeper.
SUSANNA McCAHAN.....Matron.
WILLIAM KAISER.....Engineer.
JAMES J. FARRALL.....Assistant Engineer.
JOHN F. BARRENGER.....Gardener.
THOMAS CONNOR.....Messenger.
CHARLES JONES.....Baker.
PATRICK BUTLER.....Carriage Driver.

MEDICAL DEPARTMENT.

DR. HENRY B. WILSON.....Resident Physician.
DR. JAMES FORE..... " "
DR. R. E. GARRETT..... } Resident Physician for Insane Department.
DR. F. S. CARUTHERS..... } Assistant Resident Physicians for Insane Department.
DR. J. J. GOFF..... }
JAMES A. TIERNEY.....Apothecary.

REPORT.

BAY VIEW, December 31st, 1892.

To the Honorable the Mayor
and City Council of Baltimore.

GENTLEMEN:

We have the honor to submit, in compliance with an ordinance of the Mayor and City Council of Baltimore, the within report of the operations and general conditions of Bay View Asylum during the year ending December 31st, 1892, including such remarks and recommendations that have presented themselves to the Board of Trustees during the past fiscal year.

The nature of the trust imposed upon us is one which calls into active requisition continual care and benevolent judgment. In every large community poverty has its growth, and keeps pace with the general development of trade. Commerce and wealth, and the hewers of wood and the drawers of water, form an integral part of the general community.

It is manifest that those whose employment partakes of necessary exposure and hazardous labor, become subjects of disease, are often crippled in their legitimate calling, and become public charges upon

the City. It is therefore manifest that a charitable and enlightened community should endeavor to maintain upon the broadest humanitarian principles, those who are unable to earn a living, and narrow down the lines, as much as possible, which divide the rich from the deserving poor and needy.

We again call your earnest attention to the overcrowded condition of the Insane Department. In our last annual report, we fully laid this matter before you, and had hoped that the State would frame such laws, and make suitable appropriations, so as to relieve a great common necessity for the amelioration of the unfortunate insane.

In view of this, the Board of Trustees used every endeavor to formulate a plan therewith, and appointed a committee, consisting in part of the Trustees of Bay View Asylum, to confer with Dr. John Morris, Dr. H. M. Hurd, Dr. Rohe, and Mr. Wilmer Johnson, of Spring Grove Asylum.

This committee met on several occasions and the whole subject was fully discussed; and as a result, it was unanimously agreed that the State ought and should make ample provision for the care of its entire insane, and the patients should not be classed, in part, as indigent or paupers, and should receive such treatment as an enlightened people should demand, and furthermore, that two insane buildings be erected for the accommodation of those afflicted with insanity,

one on the Eastern Shore of Maryland, and the other within a reasonable distance from Spring Grove Asylum ; the whole matter to be left in charge of a subcommittee to frame a petition embodying the foregoing conclusions, and report the same at an early day, so that these recommendations could be presented to the Legislature, and that the committee having the matter in charge should urge the enactment of a law in accordance therewith and obtain the necessary appropriations.

At the meeting of the last Legislature, the committee, consisting of Dr. Hurd, Dr. Morris, Dr. Rohe, the President, Professor Remsen and John Black, of Bay View Asylum, earnestly advocated the above measure; but we regret to say (now) that our labor was in vain.

We were apprehensive at the time that our requests would not be complied with, and we refer you to our last Annual Report in connection with this matter, and said : "If we should fail in this endeavor, it is apparent to us that in the near future additional buildings will have to be erected for the accommodation of the insane, who in part come from the several counties in the State, for the reason, that the general accommodations are utterly inadequate, and as a sequence, we are compelled to admit for treatment those who naturally gravitate to our Insane Department."

We therefore earnestly ask you to consider this subject at the earliest possible day, so that the crowded

Insane Department of Bay View may be relieved, as it not only endangers life, but often retards the recovery of the patient.

We find it an incumbent duty upon us to ask your Honorable Bodies to take in consideration the necessity of providing for a small special building, apart from the Insane Department, for feeble-minded and epileptic children.

We are compelled now, and have been, to place these subjects among the adult insane, and nothing could be more debasing and detrimental than this, as they contract the vices and bad habits of their older unfortunates, and proper medical treatment can not be applied with any degree of success.

The number of inmates at present in Bay View Asylum is 1,479, which is the greatest since its erection; possibly this is due, to some extent, to the present severe winter.

The unusual amount of improvements going on in our City, for the last eighteen months, has attracted many laboring men here, and the various industrial pursuits at Steelton and Curtis Bay have added their quota of sick and indigent workingmen.

This is the natural sequence of a prosperous city, and we should not complain if it comes within our power of relief, and every facility should be given to protect the laboring element from unusual suffering and hardship.

CHRONIC DEPARTMENT.

This department is one which enlists the warmest sympathy of our community. It comprises that class, both male and female, whom age has weakened and disease made helpless.

As a class, they have at certain periods of their life enjoyed the comforts of a home, and the affection of their families and friends. The sheltering roof of Bay View is now their last home. The kindest treatment is afforded them without stint, and it is gratifying to see them enjoying their home. No one who visits Bay View, and observes their happy condition, can forget the pleasant impression made upon them.

HOSPITAL DEPARTMENT.

This department is under the direct control of the College of Physicians and Surgeons and the Maryland University, and in addition there are three resident physicians, Doctors H. B. Wilson, James Fore and F. S. Caruthers. We cheerfully acknowledge their valuable services and unremitting attention to the sick patients.

INSANE DEPARTMENT.

It is gratifying for us to say that as far as our limited means extend, the patients of the Insane Department have had that attention which is necessary for their proper treatment.

The Lunacy Commission, composed of benevolent and experienced physicians, have frequently made

flattering mention of its general management, and favorably compared it to Spring Grove Asylum and other similar institutions.

This department is under the control of the Johns Hopkins University, and Dr. Hurd and Dr. Berkely supervise its medical treatment.

Dr. R. Edward Garrett is the resident physician, and Dr. F. S. Caruthers, assistant, to whom we are much indebted for the faithful discharge of their duties.

FARMING OPERATIONS.

We have had a very fair year, and the products of our farm have been satisfactory.

The entire work and labor is performed by the inmates, and we have been enabled to supply them with fresh vegetables in abundance during most of the year, besides having canned a large quantity of tomatoes, which are used during the winter and spring months, all of which form a considerable item in the maintenance of Bay View.

INMATES.

There were remaining in the institution December 31, 1892	1,479
There were admitted during the year	3,074
There were born in the institution during the same period	20
Making a total of	4,573

Who received the benefit of this Institution during the year.

The average number of inmates during the year was 1,288⅓.

The amount drawn, as per warrants upon the City Comptroller, during the year, was	$ 94,969 89
The amount paid City Register	2,136 07
Actual amount expended	$92,833 82
Average number of inmates	1,288⅓
Cost per capita	$72 06

FINANCIAL.

Exhibit No. 1 of this report will show the amount received and the source from whence it was derived during the year, as also the purpose for which it was expended.

The amount of the appropriation made by the City for the support of the institution for the year ending December 31, 1892, was $95,000.00. By reference to the aforesaid exhibit; it will be observed that of the amount appropriated, $94,969.89 was drawn from the City Treasury, and $2,136.07 was paid to the City Register from board of inmates, resident students, and sales of old material, such as rags, bones, barrels, &c., received; also returned to the City Treasury $30.11, amount of appropriation unexpended.

The amount drawn from the City Treasury has enabled the Trustees to meet and discharge all liabilities

incurred by them in the management of the trust confided to them. The trustees, owing to the increased number of inmates, find it necessary to ask for an appropriation of $100,000.00 for the year 1893.

The Board tender to all the officers their warmest thanks for their faithful and efficient services during the year.

JOSEPH FRIEDENWALD,
JOHN BLACK,
SIMON I. KEMP,
JOHN J. PENTZ,
IRA REMSEN,
JOHN J. HOFFMAN,
GEORGE A. BLAKE,

Trustees.

FINANCIAL EXHIBIT FOR 1892

FINANCIAL EXHIBIT FOR 1892.

Showing the amount received by Trustees during the year terminating December 31st, 1892, the source from whence derived, and the purposes for which disbursements were made, and the amount expended.

1891.	Dr.		1892.	Cr.	
Dec. 31	To amount received from City Comptroller on account of annual appropriation	$94,969 89	Dec. 31	By balance paid for supplies, embracing food, fuel, clothing, bedding and other necessaries	$54,143 37
	To amount received for sale of bones, grease, barrels, old iron, offals, &c	287 22		By amount expended on farm account, embracing provender for horses and cows, repair of carriages and wagons and harness, purchases and repairs of farm implements, shoeing animals, and such other expenditures as are properly	
	To amount received from inmate boarders	1,294 00			
	To amount received from board of resident students	325 00			
	To amount received from sale of live stock	224 85			

		chargeable to farm account	5,788 16
		By amount paid for hospital stores	4,044 58
		By amount paid for expenses incurred in repairs about the buildings and fences	10,936 30
		By amount paid for salaries and hire account	18,696 48
		By amount paid Trustees per diem	1,356 00
		By amount paid City Register as required by ordinance of the City	2,136 07
	$97,100 96		$97,100 96

FINANCIAL EXHIBIT FOR 1892—Concluded.

RECAPITULATION.

Amount drawn from City Treasurer.....	$94,969 89
Amount paid City Register.....	2,136 07
Actual amount expended.....	$92,833 82
Average number of inmates.....	1.288 4/12
Cost per capita	72.06
Amount of appropriation.....	$95,000 00
Amount expended	94,969 89
Amount unexpended remaining in City Treasury.....	$30 11

TABULAR STATEMENT

— OF THE —

SUPERINTENDENT,

MARKED A TO M.

FOR THE YEAR 1892.

TABLE A.

Showing the Number of persons Admitted, Born, Discharged, Eloped and Died, also the Number Remaining at the expiration of each Month, for the year ending December 31st, 1892.

1892	Admitted.	Born.	Discharged.	Eloped.	Died.	Remaining.
January	430	2	180	117	34	1,543
February	323	2	135	131	23	1,579
March	342	2	143	115	20	1,539
April	182	2	199	133	11	1,380
May	167	1	193	118	13	1,214
June	139	....	90	37	15	1,206
July	185	....	131	49	28	1,183
August	138	....	164	141	19	997
September	190	3	78	60	19	1,033
October	214	2	103	42	15	1,089
November	298	2	126	34	22	1,218
December	446	4	207	81	21	1,479
	3,054	20	1,749	1,058	240	15,460

On the books December 31, 1891	1,452
Total ingress	3,074
	4,526
Total egress	3,047
In the house December 31, 1892	1,479

TABLE B.

Showing the Birthplace of Persons Admitted to the Almshouse from January 1st, 1892, to December 31st, 1892.

NATIVES.		FOREIGNERS.	
Almshouse	20	Germany	320
Baltimore	821	Ireland	579
Maryland	357	England	124
Pennsylvania	157	Scotland	47
New York	135	France	10
Delaware	10	Belgium	7
District of Columbia	20	Austria	10
Massachusetts	40	Sweden	2
New Jersey	25	Bohemia	9
Rhode Island	20	Canada	11
Ohio	16	Poland	11
Tennessee	2	Switzerland	7
Connecticut	14	Italy	3
South Carolina	16	Denmark	4
Missouri	12	Russia	13
Maine	22	Wales	3
Kentucky	20	Australia	1
North Carolina	12	Holland	1
Mississippi	2	West Indies	5
Illinois	9	Norway	9
New Hampshire	5		
Georgia	7		1,176
West Virginia	19		
Vermont	4		
Iowa	2		
Virginia	100		
Louisiana	6		
Michigan	3		
Minnesota	1		
Alabama	7		
California	2		
Florida	6		
Texas	1	Foreigners	1,176
Unknown	5	Natives	1,898
	1,898	Total	3,074

TABLE C.

Showing the Ages of Persons Admitted to the Almshouse from January 1st, 1892, to December 31st, 1892.

Under 1 year	20
From 5 to 10 years	14
" 10 " 20 "	90
" 20 " 30 "	510
" 30 " 40 "	936
" 40 " 50 "	742
" 50 " 60 "	410
" 60 " 70 "	200
" 70 " 80 "	100
" 80 " 90 "	40
" 90 " 100 "	7
Unknown	5
Total	3,074

TABLE D.

Showing the Period of Residence in the City of all Persons Admitted to the Almshouse from January 1st, 1892, to December 31st, 1892.

Born in the Almshouse	20
Born in Baltimore	881
Less than one week	280
One week and less than one month	227
One month and less than three	195
Three months and less than six	83
Six months and less than twelve	100
One year and less than two	173
Over two years	1,056
Period of residence unknown	59
Total	3,074

TABLE E.

Showing the Habits of Persons Admitted to the Almshouse from January 1st, 1892, to December 31st, 1892.

Intemperate adults	2,037
Temperate adults	776
Adults whose habits are unknown	92
Children of intemperate adults	85
Children of temperate adults	84
Total	3,074

TABLE F.

Showing the Monthly Average of Persons in the Almshouse from January 1st, 1892, to December 31st, 1892.

Date—1892.	WHITE.			COLORED.			Total.	WHERE FROM.		Totals.
	Men.	Women.	Children.	Men.	Women.	Children.		Natives of City and 6 months Residence	Elsewhere.	
January	946	349	19	107	97	3	1,521	270	1,251	1,521
February	1,004	351	18	100	89	4	1,566	283	1,283	1,566
March	1,011	354	19	95	97	4	1,580	310	1,270	1,580
April	906	336	18	91	97	4	1,452	298	1,154	1,452
May	781	320	16	80	90	3	1,290	170	1,120	1,290
June	748	310	16	72	83	3	1,232	146	1,086	1,232
July	739	308	15	70	80	2	1,214	138	1,076	1,214
August	628	305	15	67	75	2	1,092	140	952	1,092
September	570	295	15	63	70	2	1,015	120	895	1,015
October	600	302	15	70	76	2	1,065	160	905	1,065
November	612	341	13	81	97	1	1,145	220	925	1,145
December	750	337	13	87	98	3	1,288	286	1,002	1,288
	9,295	3,908	192	983	1,049	33	15,460	2,541	12,919	15,460
Monthly average	$774\frac{7}{12}$	$325\frac{8}{12}$	16	$81\frac{11}{12}$	$87\frac{5}{12}$	$2\frac{9}{12}$	$1,288\frac{4}{12}$	$211\frac{9}{12}$	$1,076\frac{7}{12}$	$1,288\frac{4}{12}$

TABLE G

Showing the Number of Persons Committed to the Almshouse by Magistrates, and their Age, Sex, Color and Period of Commitment, from January 1st, 1892, to December 31st, 1892.

Date—1892.	SEX AND AGE.				Total.	COLOR.		Total.	PERIOD OF COMMIT'T			Total.
	Males over 21.	Males under 21.	Females over 18.	Females under 18.		White.	Colored.		Under 3 months.	3 to 6 months.	6 months and over.	
January	8	....	4	....	12	10	2	12	10	2	.....	12
February	1	....	2	....	3	3	....	3	2	1	.....	3
March	3	....	1	....	4	2	2	4	2	1	1	4
April	2	....	1	....	3	3	....	3	2	1	.....	3
May	2	....	3	....	5	4	1	5	2	3	.....	5
June	2	....	3	....	5	5	....	5	1	3	1	5
July	4	....	....	....	4	2	2	4	3	1	.....	4
August	3	....	3	....	6	5	1	6	5	1	.....	6
September	6	....	....	....	6	4	2	6	3	2	1	6
October	2	....	1	....	3	2	1	3	1	2	.....	3
November	5	....	3	....	8	8	....	8	2	5	1	8
December	8	....	....	....	8	5	3	8	5	2	1	8
Total	46	....	21	....	67	53	14	67	38	24	5	67

TABLE H.

Showing the Birthplace of Persons Committed to the Almshouse as Vagrants, &c., by Magistrates, from January 1st, 1892, to December 31st, 1892.

Natives.		Foreigners.	
Baltimore	10	Germany	20
Maryland	7	Ireland	10
New York	1	Poland	1
Virginia	5	France	1
Pennsylvania	4	Italy	1
Ohio	2	Scotland	1
Delaware	1		
Dist. of Columbia	1	Foreigners	34
Unknown	2	Natives	33
	33	Total	67

TABLE I.

Showing the Work Done by Inmates from January 1st, 1892, to December 31st, 1892, and its approximate value.

21,345 days labor, at $1.00	$21,345 00
1,878 days washing and ironing, at 5 cts.	939 00
2,112 days carpentering, at $1.50	3,168 00
646 days painting and glazing, at $1.50.	969 00
326 days tinning, &c., at $1.50	489 00
62 days bricklaying, at $1.50	93 00
19 days plastering, at $1.50	28 50
1,232 days tailoring, at $1.50	1,848 00
939 days cobbling, at $1.50	1,408 00
626 days blacksmithing, at $1.50	939 00
2,990 shirts made, at 12 cents	358 80
1,293 undergarments made, at 15 cents	193 95
935 frocks made, at 30 cents	280 50
928 pairs drawers made, at 20 cents	185 60
37 pairs stockings made, at 20 cents	7 40
503 aprons made, at 5 cents	25 15
20 infants' slips made, at 10 cents	2 00
336 bed ticks made, at 15 cents	50 40
188 pillow cases made, at 15 cents	18 20
273 pillow ticks made, at 5 cents	13 65
277 bed sheets made, at 5 cents	13 85
125 window curtains made, at 10 cents.	12 50
40 women's jackets made, at 20 cents.	8 00
165 towels made, at 5 cents	8 25
26 slips made, at 20 cents	5 20
56 quilts made, at $1.50	84 00
64 spreads made, at 50 cents	32 00
13 mosquito nettings made, at 50 cents	6 50
Total	$32,532 45

TABLE K.

Showing the Quantity of Clothing Issued to the Inmates from January 1st, 1892, to December 31st, 1892.

Date.	Pairs of Shoes and Slippers.	Shirts.	Pairs of Men's Hose.	Pantaloons.	Vests.	Jackets	Coats.	Hats.	Aprons.	Flannel Shirts.	Slips.	Dresses.	Women's Stockings.	Drawers.	Under Garments.	Women's Josies & Jackets.
January.....	90	480	211	59	45	7	45	20	17	24	....	52	54	65	58	8
February	106	318	191	67	39	5	24	50	40	12	....	43	66	65	36	6
March.....	143	207	251	53	33	7	33	30	36	16	7	12	50	67	61	11
April.....	176	273	111	65	12	6	41	35	12	8	4	22	46	88	133	....
May	87	227	101	57	34	2	44	29	26	24	12	46	53	107	118	....
June.....	92	159	161	64	36	....	43	78	32	....	2	60	68	92	71	....
July.....	82	215	101	74	29	....	41	40	35	....	....	73	33	78	74	....
August..... ..	133	101	100	61	27	....	21	48	9	....	....	13	29	37	64	1
September....	107	201	171	36	10	....	9	12	61	20	....	27	78	80	176	....
October	148	246	242	79	46	....	40	30	85	30	7	42	84	90	135	....
November....	95	284	200	91	76	6	75	24	17	17	3	27	64	52	110	10
December	149	227	212	55	37	4	35	24	133	12	2	118	120	97	204	4
Total	1408	2938	2052	761	424	37	451	420	503	163	37	535	745	918	1240	40

TABLE L.

Showing the Number of Births and Deaths in each Month, also the Sex and Color, from January 1st, 1892, to December 31st, 1892.

Date—1892.	BIRTHS.					DEATHS, ADULTS.				DEATHS, CHILDREN				
	White Males.	White Females.	Colored Males.	Colored Females.	Total.	White Males.	White Females.	Colored Males.	Colored Females.	White Males.	White Females.	Colored Males.	Colored Females.	Total.
January	..	2	..	..	2	10	12	7	4	..	..	1	..	34
February	..	1	1	..	2	12	1	5	5	..	..	..	..	23
March	1	..	1	..	2	11	3	3	3	..	..	..	..	20
April	1	..	..	1	2	4	3	2	2	..	..	..	..	11
May	1	..	..	..	1	8	5	..	..	..	..	..	..	13
June	..	..	..	..	..	5	5	5	..	..	..	..	..	15
July	..	..	..	..	..	13	11	1	3	..	..	..	..	28
August	..	..	..	..	..	9	6	1	3	..	..	..	..	19
September	1	1	1	..	3	6	6	5	2	..	..	..	..	19
October	1	..	1	..	2	6	4	2	2	..	..	..	1	15
November	1	..	..	1	2	9	7	2	4	..	..	..	..	22
December	1	..	1	2	4	10	4	4	3	..	..	..	..	21
Total	7	4	5	4	20	103	67	37	31	..	..	1	1	240

TABLE M.

Showing the Names, Quantity and Average Cost of Articles purchased for the Institution from January 1st, 1892, to December 31st, 1892.

A.

Apples, dried,	587 pounds,	at 5½ cts. per lb.
Apples, barrels,	17 barrels,	at $2.62 per bbl.
Alcohol,	14 gallons,	at 2.37 per gal.

B.

Brushes, shaving,	2 dozen,	at $1.63 per doz.
Brushes, dusting,	5 dozen,	at 3 75 per doz.
Brushes, scrubbing,	10 dozen,	at 1.50 per doz.
Brushes, whitewash,	13 dozen,	at 13.50 per doz.
Brushes, deckscrubs,	15 dozen,	at 3 60 per doz.
Brushes, sweeping,	9 dozen,	at 9.00 per doz.
Brushes, paint,	3 dozen,	at 35 cts. per doz.
Brushes, shoe,	4 dozen,	at $3.00 per doz.
Buckets, pulp,	26 dozen,	at 4.25 per doz.
Butter,	7,359 lbs.,	at 22 cts. per lb.
Brooms, corn,	43 dozen,	at $2.75 per doz.
Brooms, street,	1½ dozen,	at 2.62½ per doz.
Brooms, hickory,	10 dozen,	at 2.75 per doz.
Blankets,	244,	at 1.67 each.
Bricks, assorted,	16,000,	at 8.65 per 1,000.
Buckwheat,	200 pounds,	at 2.35.
Barley,	2,900 lbs.,	at 4 cts. per lb.
Bacon, shoulder,	37,504 lbs.,	at 7 cts. per lb.

TABLE M—Continued.

Bacon, shoulders, S. C.,	4,103 lbs.,	at 8½ cts. per lb.
Bacon, hams,	3,825 lbs.,	at 12 cts. per lb.
Beef, corned,	1,111 lbs.,	at 6 cts. per lb.
Beef, roast,	5,277 lbs.,	at 10½ cts. per lb.
Beef, steak,	6,804 lbs.,	at 10½ cts. per lb.
Beef, general house,	165,497 lbs.,	at 4 cts. per lb.
Beef, round,	3,686 lbs.,	at 8 cts. per lb.
Beans, white,	402$\frac{3}{6}\frac{1}{2}$ bus.,	at $1.58 per bu.
Bed-ticking,	2,035 yards,	at 11½ cts. per yd.
Bed-spreads,	60,	at $1.15 each.

C.

Crackers, water,	1,780 lbs.,	at 7 cts. per lb.
Crackers, soda,	405 pounds,	at 8 cts. per lb.
Candles,	180 pounds,	at 9⅓ cts. per lb.
Cheese,	84 pounds,	at 12¾ cts. per lb.
Corn, starch,	800 pounds,	at 6½ cts. per lb.
Corn, meal,	8,000 lbs.,	at 1⅓ cts. per lb.
Corn, ear,	210 barrels,	at $2.72 per bbl.
Corn, chop,	40,820 lbs.,	at 80⅓ cts. per cwt.
Coal, Cumberland,	1,853$\frac{1}{2}\frac{4}{2}\frac{7}{4}\frac{3}{0}$ tons,	at $3.29⅖ per ton.
Coal, Sunbury,	150 tons,	at 5.70 per ton.
Coffee, Java,	2,304 lbs.,	at 26⅝ cts. per lb.
Coffee, Rio,	9,356 lbs.,	at 16⅓ cts. per lb.
Coffee, Hummel's Exts,	1,766 lbs.,	at 4¾ cts. per lb.
Crash,	308 yards,	at 14⅓ cts. per yd.
Cakes, ginger,	1,679 pounds	at 6¾ cts. per lb.
Cakes, sugar,	822 pounds,	at 9¾ cts. per lb.
Cement,	24 barrels,	at $1.90 per bbl.

TABLE M—Continued.

Chamois skins,	4,	at 69 cts. each.
Charcoal,	150 bags,	at 50 cts. per bag.
Collars, horse,	1 pair,	at $4 75.
Combs, dressing,	9½ dozen,	at 73 cts. per doz.
Combs, fine tooth,	$24\frac{5}{12}$ dozen,	at 60½ cts. per doz.
Cotton, waste,	45 pounds,	at 10 cts. per lb.
Cotton, bats,	250 pounds,	at 13½ cts. per lb.
Construction account,		$4,501.84.
Clothing, men's ready made,		$12.00.
Cod fish,	100 pounds,	at 5½ cts. per lb.
Cans, tin,	1M 3-lb cans,	at 3 cts. each.

D.

Dress goods, calico,	3,773½ yards,	10½ cts. per yard.
Domestic plaid,	3,871 yards,	12½ cts. per yard.
Drugs, (per contract),		$2,228.92.

E.

Engineer's stores and repairs,	$1,219.82.

F.

Flannel, for lining,	210 yards,	at 12 cts. per yd.
Flannel, Canton,	908 yards,	at 12⅓ cts. per yd.
Flannel, red,	195¼ yards,	at 39 cts. per yd.
Flour, family,	51 bbls.,	at $5.33 per bbl.
Flour, extra,	1,915 bbls.,	at $3.56 per bbl.
Files, saw,	3 doz.,	at 68 cts. per doz.
Furniture, &c.,		$615.23.
Farm account,		$1,128.66.

TABLE M—Continued.

G.

Glass, window,	18 boxes,	at $2.25 per box.
Glass, lights,		$13.32.
Glass and queensware,		$68.48.
Glue,	15 pounds,	at 16 cts. per lb.
Grain, feed,	5,374 bus.,	at 8 cts. per bush.

H.

Hose, women's,	58¾ doz ,	at $1.32 per doz.
Hose, men's,	171 doz.,	at 87 cts. per doz.
Hops,	120 lbs.,	at 35⅓ cts. per lb.
Hay,	$37\frac{480}{2000}$ tons,	at $15.00 per ton.
Hominy,	10 bbls.,	at 3.00 per bbl.
Hardware,		$471.49.
Harness and repairs,		$44.25.
Herrings, salt,	24 bbls.,	at $4.24 per bbl.
Hats,	35 dozen,	at $2.19 per doz.
Handkerchiefs,	11 dozen,	at 75 cts. per doz.

I.

Ice,	$94\frac{550}{2000}$ tons,	at $4.58 per ton.

L.

Live stock,		$355.00.
Leather, sole,	766½ lbs.,	at 28 cts. per lb.
Leather, calf skins,	11,	at $2.35 each.
Lard,	2,065 lbs.,	at 9⅕ cts. per lb.
Lime, shell,	235 bushels,	at 24 cts. per bus

TABLE M—Continued.

Lime, whitewash,	62 barrels,	at $1.00 per bbl.
Lime, chloride of,	2,304 lbs.,	at 4 cts. per lb.
Lumber, assorted,		$1,199.04.
Lead, white,	2,000 lbs.,	at 7 cts. per lb.
	M.	
Muslin, striped shirting	595 yards,	at 11½ cts. per yd.
Muslin, brown,	10,722 yds ,	at 6½ cts. per yd.
Men's wear,	2,458½ yds.,	at 34½ cts. per yd.
Mosquito netting,	20 pieces,	at 50 cts. per pc.
Matches,	136 gross,	at 64⅓ cts. per gr.
Malt, ground,	7 bushels,	at $1.10 per bu.
Mutton,	28,721 lbs.,	at 3½ cts. per lb.
Molasses,	1,132 gal.	at 26½ cts per gal.
Middlings,	58,479 lbs.,	at 1⅔ cts. per lb.
Meal, flaxseed,	50 pounds,	at 2 cts. per lb.
Miscellaneous,		$5,052.35.
Mackerel,	1½ barrels,	at $20.50 per bl.
	N.	
Notions,		$333.79.
Nails,	12 kegs,	at $2.31⅔ per keg.
	O.	
Oats,	978$\frac{2}{3}\frac{3}{2}$ bus.,	at 43⅔ cts. per bu.
Oil, lard,	293 gallons,	at 60⅔ cts. per gal.
Oil, gasoline,	334 barrels,	at $6.22 per bbl.
Oil, boiled,	51 gallons,	at 39 cts. per gal.

TABLE M—Continued.

P.

Posts, cedar,	230,	at 80 cts. each.
Pies, assorted,	2,500,	at 6 cts. each.
Paints, &c.,		$219.26.
Putty,	150 pounds,	at 3 cts. per lb.
Potatoes,	1,954$\frac{2}{6}\frac{5}{0}$ bus ,	at 53 cts. per bus.
Plaster, ground,	1 ton,	$8.40.
Phosphates, S. H.,		$36.90.
Peas, green and B. I.,	167 bushels,	at $1.86 per bus.

R.

Rice.	5,935 lbs.,	at 4$\frac{3}{4}$ cts. per lb.
Repairs in general,		$295.54.

S.

Slip stuffs,	741$\frac{3}{4}$ yds.,	at 23$\frac{1}{3}$ cts. per yd.
Spectacles,	9 dozen,	at $2.50 per doz.
Starch, laundry,	440 pounds,	at 5 cts. per lb.
Soap, ivory,	1 box,	$4.00.
Soap, M. & L.,	10,000 lbs.,	at 3$\frac{1}{2}$ cts. per lb.
Soap, white;	8,855 lbs.,	at 5$\frac{1}{2}$ cts, per lb.
Shoes, men's,	957 pairs,	at $1.10 per pair.
Shoes, women's,	372 pairs,	at 1.02\frac{1}{2}$ per pair.
Shoes, children's,	16 pairs,	at 82 cts. per pair.
Shoe findings,		$11.51.
Shoe laces, leather,	17 gross,	at 60 cts. per gr.
Shoe laces, linen,	14 gross,	at 61 cts. per gr.
Shoe blacking,	3 dozen,	at 50 cts. per doz.

TABLE M—Concluded.

Shovels,	2 dozen,	at $7.00 per doz.
Salt, fine, (sacks),	201 bushels,	at 38¾ cts. per bu.
Salt, G. A., (sacks),	167 bushels,	at 21 cts. per bu.
Straw, wheat,	71 1/2 2/0 5/0 5/0 tons,	at $9.00 per ton.
Solder,	70¼ pounds,	at 14⅓ cts. per lb.
Sugar, brown,	22,581 lbs.,	at 4 cts. per lb.
Sugar, white,	11,855 lbs.,	at 4¾ cts. per lb.
Slippers, men's,	154 pairs,	at 80 cts. per pair.
Slippers, women's,	120 pairs,	at 66⅔ cts. per pr.
Shoeing and repairs,		$372.81.
Stoves, pipes, &c.,		119.05.
Spices,		112.61.
Sal soda,	1,125 lbs.,	at 1¼ cts. per lb.
Seed, garden,		$ 89.83.
Surgical instruments,		150 92.
Suspenders,	3 dozen,	at $2.25 per doz.

T.

Tea, G. P.,	263 pounds,	at 50 cts. per lb.
Tea, imperial and black,	2,127 lbs.,	at 30 cts. per lb.
Tinplate,	8 boxes,	at $7.65 per box.
Tobacco,	4,734 lbs.,	at 23 cts. per lb.

V.

Vinegar,	422 gallons,	at 17¾ cts. per gal.
Whiskey, dispensary,	424 gallons,	at $1.85 per gal.
Wood, pine,	11½ cords,	at $3.50 per cord.

Y.

Yeast powder,	3½ gross,	at $4.00 per gross.

Report of the Engineer.

BAY VIEW ASYLUM, January 1st, 1893.

To the Honorable Board of Trustees.

GENTLEMEN:

I herewith present this, my Annual Report of this Institution as Engineer, for the year ending December 31st, 1892.

I am, gentlemen,

Very respectfully,

WILLIAM KAISER,

Engineer.

Total Amount of Georges Creek Coal consumed, and by what Department of the Institution.

Departments.	Pounds.	Tons.	Pounds.
Tubular boilers	3,918,510	1,749	750
Blacksmith shop	9,460	4	500
	3,927,970	1,753	1,250

Total Amount of Sunbury Coal consumed, and by what Department of the Institution.

Departments.	Pounds.	Tons.	Pounds.
Centre house kitchen	85,620	38	500
Matron's kitchen	46,300	20	1,500
Ironing room	32,060	14	700
Bake house	81,840	36	1,200
Pest hospitals	104,140	46	1,100
Insane hospitals	54,360	24	600
Main gate	12,800	5	1,600
East gate	8,420	3	1,700
West gate	6,920	3	200
Carpenter shop	9,860	4	900
	442,320	193	10,000

Georges Creek coal on hand, Dec. 31, 1892...125 tons.
Sunbury coal on hand, Dec. 31, 1892..... 75 "

Report of the Gardener.

BAY VIEW ASYLUM, January 1st, 1893.

To the Honorable Board of Trustees.

GENTLEMEN:

Permit me most respectfully to present this, my Annual Report as Gardener of the Institution, for the year ending December 31st, 1892.

Very respectfully,

JOHN F. BARRANGER,

Gardener.

Articles.	Bush.	Doz.	Bunch	Lbs.	Gal.	Tons.	No. of	Prices	Amount.
Cabbage	.....	.....	.....	.....	.....	.....	6,284	$4 00	$251 36
Tomatoes	912	.....	.....	.....	.....	.....	.....	50	456 00
Potatoes	774	.....	.....	.....	.....	.....	.....	50	387 00
Asparagus	.....	.....	756	.....	.....	.....	.....	10	75 60
Cymblings	.....	50	.....	.....	.....	.....	.....	5	2 50
Turnips	1,828	.....	.....	.....	.....	.....	.....	50	910 00
Carrots	440	.....	.....	.....	.....	.....	.....	1 00	440 00
Parsnips	327	.....	.....	.....	.....	.....	.....	60	196 20
Celery	.....	.....	2,785	.....	.....	.....	.....	10	278 50
Pickles	.....	.....	.....	.....	.....	.....	2,048	15	3 72
Radishes	.....	.....	330	.....	.....	.....	.....	4	13 20
Green Peas	233	.....	.....	.....	.....	.....	.....	50	116 50
String Beans	339	.....	.....	.....	.....	.....	.....	50	169 50
Leeks	.....	.....	6,264	.....	.....	.....	.....	3	187 92
Parsley	.....	.....	5,659	.....	.....	.....	.....	1	56 59
Onions (spring)	.....	.....	2,272	.....	.....	.....	.....	3	68 16
Onions	100	.....	.....	.....	.....	.....	.....	1 00	100 00
Onion (setts)	40	.....	.....	.....	.....	.....	.....	5 00	200 00

Brocoli	678							40	271 20
Lettuce							2,446	6	146 76
Thyme			2,676					1	26 76
Sage			1,789					2	35 78
Lima Beans	91							1 00	91 00
Beets			2,580					4	103 20
Peppers	11							1 00	11 00
Gumboes	75							1 00	75 00
Horse Radish							86 stks	10	8 60
Lard				1,170				6	70 20
Timothy Hay						15		11 00	165 00
Oat Straw						6		10 00	60 00
Pork				6,500				6	390 00
Pigs							191	2 30	439 30
Sand							400 lds	50	200 00
Ice						150		2 50	375 00
Butter				2,077				25	519 25
Milk					20,356			16	3,256 96
Cream					100			30	30 00
Eggs		1,705						18	306 90
Sprouts	110							50	55 00
Total									$10,549 66

Report of the Baker.

BAY VIEW ASYLUM, January 1st, 1893.

To the Honorable Board of Taustees.

GENTLEMEN :

I herewith present this, my Annual Report as Baker of the Institution, for the year ending December 31st, 1892.

Very respectfully,

CHARLES JONES, *Baker.*

Flour received		1,932 bbls
Loaves of bread baked	470,379	
Loaves of bread on hand January 1st, 1892	1,647	
	472,026	
Loaves of bread sent to store-room.	472,026	
Weight of bread baked		587,973 lbs. 12 oz.
Average weight of each loaf		1 lb. 4 oz.

REPORT

OF THE

MEDICAL AND SURGICAL DEPARTMENTS.

Bay View Hospital.

Resident Physicians.

James H. Fore, M.D. Henry B. Wilson, M.D.

Assistant Resident Physicians.

J. J. Goff, M.D. Fred. Caruthers, M.D.

Visiting Staff.

Physicians.

Thomas S. Latimer, M.D. Joseph T. Smith, M.D.
C. Hampson Jones, M.D. H. J. Berkley, M.D.
Geo. J. Preston, M.D. Wm. J. Jones, M.D.
F. C. Bressler, M.D. Wm. B. Canfield, M.D.

Surgeons.

Wm. F. Smith, M. D.
Charles F. Bevan, M.D. R. B. Warfield, M.D.
J. H. Branhan, M.D. J. Holmes Smith, M.D.
J. W. Chambers, M.D. John G. Jay, M.D.
Walter B. Platt, M.D., F. R. C. S.

Obstetrician.

J. Edwin Michael, M.D.

Gynæcologist.

Thomas Opie, M.D.

Pathologists.

Chas. W. Mitchell, M.D. N. G. Kierle, M.D.

REPORT OF RESIDENT PHYSICIANS.

BAY VIEW ASYLUM, December 31st, 1892.

To the Honorable President and Members
of the Board of Trustees.

GENTLEMEN:

We herewith respectfully submit the Annual Report of the Medical and Surgical Departments of the institution for the year ending December 31st, 1892.

By reference to the accompanying statement it will be seen that there were treated in the various wards from January 1st, 1892, to January 1st, 1893, 2,977 cases.

This does not include those treated in the chronic wards, sleeping rooms and dispensary, which furnish an average of not less than 30 new cases daily.

By an analysis of the tabulated statement it will be observed that the greatest mortality prevailed during the months of January, July and August, which is accounted for by the prevalence of La Grippe, with its innumerable complications, during the first months of the year. The fatality of this disease to the aged is too familiar to all to call for any explanation.

Had it not been for the unparalleled and protracted high temperature of this last summer, it is probable our death rate would have been smaller than for years.

It being a part of our duties to make recommendations in all matters appertaining to the hospital and the sanitation of the building, we invite your attention to the following, which we consider essential not only for the present needs but also in anticipation of the future.

Owing to the present and prospective rapid increase in the population of the City of Baltimore, and a correspondingly rapid increase in her pauper population which will inevitably follow, we feel that we are speedily approaching a period in the history of this institution when considerable and extensive enlargements in some of the departments will be imperative for the proper accommodation of these unfortunate people.

During the summer months we have sufficient room (except in the Annex) in the different departments for the taking care of the sick, but during the winter months all of our white male wards are very much overcrowded.

To the Annex, especially, do we wish to direct your attention, for it is a very important factor in our hospital system, and merits early consideration. It is not only now, or has it been for some time, capable of accommodating all the cases of that class, which are constantly accumulating, as the institution grows older.

It is impossible to successfully treat the sick in hospitals without an adequate and competent corps of nurses. As much as we regret to say so, we have neither.

While we do not intend to detract one iota from our present nurses and attendants, for we feel very grateful to them for their praiseworthy and earnest efforts to do their parts during the past year, we believe that a much more efficient system could be organized at a small additional expense, and if no other changes are made, we urge that nurses for night work, at least, be employed.

There are, possibly, other minor points that deserve attention, but the limits of this report are too confined to admit of even a full discussion of the details of those already alluded to; but at any time your Honorable Body may appoint, we will cheerfully appear before you and explain our suggested improvements.

To the Superintendent, and other officers of the Asylum, and, especially, our esteemed, painstaking druggist, J. A. Tierney, and our faithful assistants, Drs. Caruthers and Goff, do we tender our grateful acknowledgments for their uniform courtesy.

To you, gentlemen of the Board, we feel indebted for many acts of kindness and encouragement, and offer our most cordial and sincere thanks.

J. H. FORE,
HENRY B. WILSON.

MEDICAL AND SURGICAL STATISTICS.

MEDICAL DISEASES.

Classified according to the nomenclature as published by the Royal College of Physicians of London and American Medical Association.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved	Died.	
General Diseases.						
A.						
Anæmia, idiopathic	1	....	....	1	....	....
" simple	10	10	....	....	....	....
" symptomatic	3	2	....	1	....	....
Erysipelas, facial	14	14	....	....	....	....
" leg	9	9	....	....	....	....
" cellulo-cutaneous	1	1	....	....	....	....
Fever, intermittent	85	84	....	....	....	1
" ephemeral	2	2	....	....	....	....
" remittent	10	10	....	....	....	....
" scarlet	3	3	....	....	....	....
" thermic	2	....	....	....	2	....
" typhoid	23	17	....	....	5	1

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
B.						
Malarial cacexia	20	20	....	....	....	....
Alcoholism	48	48	....	....	....	....
Colica, pictonum	2	1	....	....	....	1
" hydroctor	1	1	....	....	....	....
Delirium tremens	3	3	....	....	....	....
Malinger	14	14	....	....	....	....
Phthisis, pulmonalis	195	...	70	47	67	13
Ptyalism	2	2	....	....	....	....
Rheumatism, articular	60	40	10	6	....	4
Senility	14	....	....	11	2	1
Diseases of the Circulatory System.						
Aneurism, aortic	1	....	1	....	....	....
" abdominal	1	....	1	....	....	....
" imnominate	1	....	....	....	....	1
" carotid	2	....	....	1	1	....
Angina pectoris	1	....	1	....	....	....
Arterio, sclerosis	3	....	....	3	....	....
Endo-carditis	3	2	....	....	1	....
Heart, aortic stenosis	17	....	13	....	3	1
" " regurgation	16	....	16	....	....	....

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Heart, mitral stenosis	12	....	9	2	....	1
" " regurgitation	28	....	22	5	1	....
" tricuspid	1	....	....	1	....	....
" fatty	2	....	....	1	1	....
Myo-carditis	1	....	....	1	....	....
Endo-carditis	1	....	....	....	1	....
Peri-carditis	2	....	....	1	1	....
Thrombus, cerebral	2	....	....	....	2	....
Diseases of the Respiratory System.						
Aphonia	1	....	....	1	....	....
Asthma	26	....	26	....	....	....
Bronchitis, acute	77	74	....	....	2	1
" chronic	67	....	50	11	....	6
Emphysema	25	....	18	7	....	....
Empyema	1	....	....	1	....	....
Influenza	30	27	....	....	3	....
Laryngitis	13	13	....	....	....	....
Pleurisy, acute	41	33	....	....	5	3
" chronic	1	....	1	....	....	....
Pneumonia, catarrhal	4	4	....	....	....	....
" lobar	43	30	....	....	16	2
Pyo-pneumothorax	1	....	....	1	....	....

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Diseases of the Digestive System.						
Calculi, hepatic	2	1	1	....	....	....
" renal	1	....	1	....	....	....
Cholera-morbus	19	19	....	....	....	....
Cirrhosis, liver	2	....	....	....	2	....
" hypothrophic	1	....	....	....	1	....
Diarrhœa, acute	65	55	....	....	10	....
" chronic	11	8	....	2	1	....
" tubercular	2	....	....	1	1	....
Dysentery, acute	29	21	....	....	8	....
" chronic	2	....	1	1	....	....
Dyspepsia	4	3	1	....	....	....
Gastritis, alcoholic	16	16	....	....	....	....
" simple	12	12	....	....	....	....
Gastro-duodenitis	4	4	....	....	....	....
Peritonitis, pelvic	1	1	....	....	....	....
" tubercular	3	....	....	....	3	....
Stomatis, apthous	2	2	....	....	....	....
" ulcerative	1	1	....	....	....	....
Ulcer, stomach	2	1	....	....	....	1

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Diseases of the Fauces and Palate.						
Pharyngitis	14	13	....	....	....	1
Tonsilitis	13	12	....	....	....	1
" follicular	10	8	....	....	....	2
" ulcerated	....	....	....	....	....	....
Diseases of the Cutaneous System.						
Bromidrosis	34	1	2	....	....	1
Dermatitis medicamentosa	1	1	....	....	....	....
Dermatitis, rhus	2	2	....	.. .	....	....
" venenata	16	15	....	....	....	1
Exzema, acute	20	20	....	....	....	....
" chronic	26	....	20	4	....	2
Herpes zoster	1	1	....	....	....	....
Pediculosis, caputis	15	15	....	....	....	....
" corporis	5	5	....	....	....	....
" pubis	17	17	....	....	....	....
Psoriasis, specific	14	....	14	....	....	....
" vulgaris	11	11	....	....	....	....
Scabies	4	3	....	....	....	1
Tinea, versicolor	8	....	7	....	....	1

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Urticaria	8	8	....	....	....	....
Vaginitis, simple	3	3	....	....	....	....
" specific	8	8	....	....	....	....
Vulvitis	3	3	....	....	....	....
Diseases of the Urinary System.						
Bright's Disease, acute	19	5	4	....	8	2
" " chronic.	26	....	11	7	7	1
Cystitis	19	15	4	....	....	....
Diabetes, insipidus	3	....	1	....	....	2
" mellitus	4	....	1	1	....	2
Enuresis	6	4	2	....	....	....
Hemorrhage, cerebral	3	....	....	....	3	....
Jaundice, catarrhal	5	3	....	...	....	2
Diseases of the Ear.						
Ceramen, impacted	19	19	....	....	....	....
Otitis, external	9	9	....	....	....	....
" media	2	2	....	....	....	....
Diseases of the Eye.						
Blephoritis, margenalis	12	12	....	....	....	....
Conjunctivitis, simple	26	25	....	....	....	1

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Glaucoma	2	1	....	1	....	....
Iritis	23	20	....	3	....	....
Keratitis	18	16	1	1	....	....
Ulcer, cornal	2	1	....	....	....	1
Diseases of the Nervous System.						
Ataxia, hereditary	1	....	....	1	....	....
Atrophy, optic	1	....	....	1	....	....
Congestion, brain	3	1	....	....	2	....
" lung	1	1	....	....	....	....
Cysticercus cellulosæ	1	....	....	1	....	....
Dementia, senile	6	....	....	3	1	2
Effusion, brain	3	1	....	....	2	....
" ventral	1	....	....	....	1	....
Epilepsy	26	....	10	13	....	3
General motary and sensory anæsthesia	1	....	....	....	....	1
Hemiplegia	25	3	11	3	3	5
Hypocondriasis	4	....	....	4	....	....
Hysteria	19	....	10	8	....	1
Lumbago	23	22	....	....	....	1
Mania, acute	1	....	....	1	....	....
Melancholia	4	....	1	2	....	1
Myalgia	12	12	....	....	....	....

MEDICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Myalitis, acute	3	....	....	2	1	....
" sub-acute	2	....	....	1	1	....
Neuralgia	23	23	....	....	....	....
" intercostal	11	11	....	....	....	....
Neurasthenia	2	....	....	2	....	....
Neuritis, acute	8	8	....	....	....	....
" multiple	1	....	1	....	....	....
" peripheral	3	1	1	1	....	....
Nystagmus	1	....	....	1	....	....
Paralysis, agitans	3	....	....	2	1	....
" Bell's	2	....	1	1	....	....
" crutch	1	1	....	....	....	....
" pseudo-bulbar	1	....	....	....	....	1
Pleurodynia	2	2	....	....	....	....
Potts orsease	3	....	....	2	....	1
Sciatica	17	13	2	1	....	1
Sclerosis, lateral	1	....	....	....	....	1
" posterio-spinal	8	....	....	2	....	6
Tic douloureux	3	3	....	....	....	....
Diseases of Women.						
Abortion	1	1	....	....	....	....
Antiflexion	3	....	1	2	....	....
Amenorrhœa	2	1	...	...	....	1
Dysmenorrhœa	12	7	5	....	....	....

MEDICAL DISEASES—Concluded.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Endocervicitis	10	2	8	....	....	....
Endo-metritis	5	2	3	....	....	....
Hyperothrophy, labia	....	....	....	....	....	....
Mastitis	1	1	....	....	....	....
Menorrhagia	16	16	....	....	....	....
Metrorrhagia	13	13	....	....	....	....
Pregnancy	20	20	....	....	....	....
Salpingitis	2	1	....	1	....	....
Uterus, polypus	....	....	....	....	....	....
" prolapse	2	....	....	1	....	1
" procidentia	1	....	....	1	....	1
" retroflexion	10	....	8	2	....	....
" retroversion	9	....	7	2	....	....
Puerpal convulsions, rapid delivery	1	....	....	....	....	1
Total medical diseases	1864	1052	378	184	164	83

SURGICAL DISEASES.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Injuries	23	20	....	....	....	3
Burns	23	20	....	....	....	3
Concussion, brain	1	1	....	....	....	....
" spine	1	....	1	....	....	....
Contusions	17	17	....	....	....	....
Dislocation, clavicle	....	....	....	....	....	....
" hip	1	1	....	....	....	....
" patella	1	1	....	....	....	....
" shoulder	4	4	....	....	....	..
" wrist	2	2	....	....	....	....
Fracture, clavicle	5	5	....	....	....	....
" femur, neck	4	1	....	....	2	1
" " shaft	2	2	....	....	....	....
" humerus	4	4	....	....	....	....
" olecranon	2	2	....	....	....	....
" ribs	21	21	....	....	....	....
" fibula	4	3	....	....	....	1
" pelvis	1	...	....	....	....	1
" tibia	1	1	....	....	....	....
" radius colle	3	3	....	....	....	....
Frostbite	5	4	....	....	....	1
Hamatoma	1	1	....	....	....	....
Oyster-hand	22	20	....	....	....	2
Sprain, arm	1	1	....	....	....	....
" ankle	26	26	....	....	....	....
" hip	3	3	....	....	....	....

SURGICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Sprain, knee	10	10	....	....	....	....
" shoulder	4	4	....	....	....	....
" wrist	4	4	....	....	....	....
Wounds, contused	27	27	....	....	....	....
" incised	20	20	....	....	....	....
" lacerated	18	18	....	....	....	....
" punctured	9	9	....	....	....	....
" scalp	21	20	....	....	....	1
Venereal Diseases.						
Balino posthitis	2	2	....	....	....	....
Blennorrhœa	13	13	....	....	....	....
Bubo	85	83	....	....	....	2
Chancroids	95	91	....	....	....	4
" phagedenic	3	3	....	....	....	....
Epididymitis	17	16	....	....	....	1
Gonorrhœa	61	60	....	....	....	1
Orchitis	17	17	....	....	....	....
Phimosis	24	24	....	....	....	....
Paraphimosis	10	10	....	....	....	....
Stricture, urethral	....	....	....	....	....	....
Syphilis	137	....	123	14	....	....
Warts, venereal	15	15	....	....	....	....

SURGICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved	Died.	
Unclassified.						
Abscess, arm	2	2	....	....	....	....
" axillary	9	9	....	....	....	....
" buccal	5	5	....	....	....	....
" cervical	10	10	....	....	....	....
" foot	5	5	....	....	....	....
" hand	11	11	....	....	....	....
" gluteal	3	3	....	....	....	....
" liver	1	....	....	....	1	....
" lumbar	3	3	....	....	....	....
" mammary	2	2	....	....	....	....
" peri-urethral	8	8	....	....	....	....
" peri-rectal	3	3	....	....	....	....
" sacral	1	1	....	....	....	....
" spinal	1	1	....	....	....	....
" thigh	3	3	....	....	....	....
" tongue	....	....	....	....	....	....
Anchylosis, hip	2	....	....	2	....	....
" knee	3	....	....	3	....	....
Anthrax	5	3	....	....	....	2
Amputation, leg	1	1	....	....	....	....
" hip joint	1	....	....	....	1	....
Anthritis deformans	2	....	....	1	....	1
Carcinoma, omentum	1	....	....	....	1	....

SURGICAL DISEASES—Continued.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Carcinoma, penis	1	....	....	....	1	....
" stomach	4	....	....	1	3	....
" rectum	2	....	1	1	....	....
" uterus	3	....	....	1	2	....
Canis, ilium	1	1	....	....	....	....
Cellulitis, hand	18	18	....	....	....	....
" leg	5	5	....	....	....	....
" pelvis	1	1	....	....	....	....
Coxalgia	1	....	1	....	....	....
Elephantiasis	1	....	....	....	....	1
Epulis	1	....	....	....	....	1
Epithelioma, nose	1	....	....	....	....	1
" face	1	....	....	....	....	1
Fistula in ano	1	1	....	....	....	....
" urethral	1	....	....	1	....	....
" vesico-vaginal	1	1	....	....	....	....
Furunculosis	16	16	....	....	....	....
Hemorrhoids	16	10	3	3	....	....
Hernia, inguinal	10	....	....	10	....	....
" femoral	3	....	....	2	....	1
" ventral	1	....	....	....	....	1
Hydrocele	2	....	2	....	....	....
Intestinal obstruction	1	....	....	....	1	....
Ligamentium patella, rupture	1	....	....	....	....	1
Necrosis, fibula	1	....	....	1	....	....

SURGICAL DISEASES—Concluded.

Diseases.	Treated.	Discharged.				Remaining December 31st, 1892.
		Cured.	Improved.	Unimproved.	Died.	
Necrosis, femur	1	....	....	....	1	....
" tibia	1	1	....	....	....	....
Paracentesis, abdominatis	5	5	....	....	....	....
" thoracis	4	4	....	....	....	....
Paronychia	3	3	....	....	....	....
Peristitis	4	4	....	....	....	....
Pylephlebitis	1	....	....	....	1	....
Prolapsus, rectum	1	....	....	1	....	....
Resection, hip	1	....	....	....	1	....
" ribs	1	....	....	....	....	1
Skin grafting	1	....	....	....	....	1
Synovitis	12	12	....	....	....	....
Stricture, rectum	4	....	2	1	....	1
Tubercular glands	2	1	....	....	....	1
Ulcer, leg	127	65	55	....	....	7
Ulcerative, stump	1	1	....	....	....	....
Varococele	2	....	....	2	....	....
Vaxix	11	....	....	11	....	....
Total surgical diseases	1127	828	188	55	15	36

RECAPITULATION.

Total ingress	2,977
Total egress	2,853
Remaining in wards Dec. 31, 1892	124

REPORT

OF THE

Baltimore City Insane Hospital

FOR THE

YEAR ENDING DECEMBER 31, 1892.

REPORT.

To the President and Board of Trustees.

GENTLEMEN :

I have the honor to present the Eighth (8) Annual Report of the Baltimore City Insane Hospital for the fiscal year ending December 31st, 1892.

On the date of my last report there remained in the hospital 365 patients. During the year there has been 158 admissions From the total number, 41 have been discharged as cured, 30 as improved, 39 as unimproved and 42 as having died, leaving a balance of 371.

Thus it will be seen that the admissions are greater, and that I report more patients discharged (exclusive of those transferred), than in any previous year, a gratifying per cent. of whom have been restored. Nearly three-fourths of those who recovered were patients admitted since the beginning of the year, showing the importance of early treatment of the insane.

As Resident Physician I am pleased to report the continued well-being of the patients placed under my care, for during the year there has been no epidemic of a serious nature.

As we now no longer consider epidemics as evidence of God's special anger, but as the very natural result of prolonged disregard of hygienic laws, it is quite evident that this happy state of affairs is in part due to the improved sanitary condition of the hospital induced by the use of the new Drying House, the putting in of the Automatic Flush Water-closet system, and the frequent flushing out of the cisterns containing the drinking water; while this latter entails some additional work and trouble, yet the beneficial effects are so noticeable that I feel the end justifies the means.

In view of the great danger and disastrous results of small-pox among the insane, it has been deemed expedient to vaccinate all the patients.

There has been little or no change in the general management of the hospital.

Mechanical restraint is used as little as possible, and nothing but the most humane and rational methods of control are sanctioned or allowed.

All harsh and repressive measure are expressly forbidden, and it is enjoined upon the attendants to make the patients feel at all times that they are at home and among friends.

Harsh language or ill-treatment is not permitted under any circumstances. But in spite of every care it is not possible to prevent occasional abuses, and a case of rough usage will now and then occur in the best regulated asylums.

The case of the two male attendants noted and duly discharged by yourselves, has been the only one of the kind which has come under my notice.

In fact I have been delighted by the utmost unanimous exhibition of contentment among the patients in all the wards, unmistakably evidencing the kind and judicious care and management by the attendants, and this would be even more apparent if a uniform could be adopted for the nurses (both male and female), for a distinctive garb on those in authority renders their presence more marked, commands a greater amount of respect and promotes discipline in general.

Employment, exercise and amusements are indispensable in the treatment of insanity, all of which have been furnished to a large extent and in a scientific manner.

No opportuuity should be overlooked in the way of diverting their minds, and for this reason I would suggest to your Honorable Body the building of a wing on each side of the main building to be used as a day parlor and dancing hall.

Those persons worn by lives of care and toil, and broken in health, should find the asylum a resting place, as comfortable and pleasant as any reasonable outlay can make it, as no people respond to such influences so promptly as they, for setting aside ordinary philanthropy, it can be proven that it is public economy to furnish them more than an ordinary mainten-

ance, for many under more favorable circumstances might be cured who become hopelessly insane and a public charge for life, thereby causing an expenditure greater than it would have cost to cure them in the first place.

During the year the white male wards became very much crowded, to relieve which condition about thirty harmless dements were transferred to the Almshouse, but the influx was not stopped, and we again have quite a number over and above our capacity; this, however, will be remedied by the erection of a building for the colored insane now contemplated.

I acknowledge with thanks the receipt of periodicals and other literature from Drs. Remsen, Hurd and Berkley, and to the latter two gentlemen I am indebted for their assistance and advice in the classification and treatment of the patients.

The visiting staff, consisting of Drs. Berkley, Finney, Robb, Thayer and Hoch, have each rendered valuable service in their respective lines of work, and we are to be congratulated in being so fortunate as to possess a specialist in the various branches.

To our Superintendent, Captain Lewis, and Matron, Mrs. McCahan, I am grateful for their kind and ready help.

The attendants deserve great credit, for their duties, often menial and exacting, have always been cheerfully performed.

During the year we lost by resignation the services of the Assistant Physician, Dr. W. G. Harrison. Dr. Harrison has moved to another field of labor, and carries with him the good wishes of all.

I desire to acknowledge the helpful assistance of Dr. F. D. Caruthers, whose previous experience at Spring Grove renders his services quite acceptable.

To you, gentlemen, the President and Board of Trustees, I offer my sincere thanks for your kind consideration, and it shall be my earnest effort always to merit the support, confidence and helpful encouragement you have ever given me.

Respectfully submitted,

R. EDWARD GARRETT, M. D.

TABLE I.

General Statement for the Year 1892.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
Number of patients present December 31st, 1891.....	149	144	26	46	365
Admitted from Baltimore.....	74	35	19	23	151
Transferred from Almshouse..	3	2	1	1	7
Total in Hospital during the year	226	181	46	70	523
Discharged during the year...	32	21	6	15	74
Transferred to Almshouse....	25	5	4	2	36
Died.....	16	14	7	5	42
Total egress during the year	73	40	17	22	152
Number of patients present December 31st, 1892.....	153	141	29	48	371
In Hospital twice during the year	5	2	1	1	9

TABLE II.

Time of Residence of those Discharged Otherwise than by Death.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
One month or less	21	9	6	5	41
Between 1 and 3 months	10	4	3	1	18
" 3 " 6 "	6	3	1	4	14
" 6 " 12 "	2	6	....	3	11
" 1 " 2 years	5	2	....	2	9
" 2 " 4 "	5	2	....	....	7
" 6 " 8 "	5	....	....	2	7
Of 8 years	1	....	....	....	1
Of 20 years	1	....	....	....	1
Of 28 years	1	....	....	....	1
Total discharged	57	26	10	17	110

TABLE III.

Showing Monthly Admissions, Discharges, Deaths and Averages.

	Admitted.	Discharged.	Died.	Averages.
January	13	9	3	363.06
February	19	7	2	368.86
March	12	10	3	374.61
April	19	8	1	383.2
May	16	6	5	387.45
June	7	10	5	383.47
July	19	5	2	388.68
August	13	26	3	384.26
September	8	6	4	373.27
October	5	4	4	372.45
November	14	11	5	369.33
December	13	8	5	369.32
Total admitted, discharged and died	158	110	42	

Average number of patients in hospital during the year	376.49
Highest number of patients in hospital during the year	394.00
Lowest number of patients in hospital during the year	359.00

TABLE IV.

Nativity of Patients Admitted during the Year.

Baltimore City	49
Maryland	39
Virginia	11
Pennsylvania	7
Ohio	1
West Virginia	2
New York	1
Wisconsin	1
Mississippi	1
District of Columbia	2
Germany	18
England	6
Ireland	8
Scotland	1
Portugal	1
Italy	2
Russia	3
Poland	2
Cuba	1
Sandwich Islands	1
Bohemia	1

TABLE V.

Showing the Occupation of those Admitted during the Year.

Book-keeper	1	Peddler	2
Bricklayer	1	Painter	4
Brass-finisher	1	Printer	1
Bar-tender	1	Porter	3
Cigar-maker	4	Plasterer	1
Carpenter	4	Reporter	1
Clerk	6	Rigger	1
Cabinet-maker	1	Sailor	3
Drayman	1	Seamstress	3
Domestic	19	Saleslady	2
Engineer	1	Stovemounter	2
Fireman	1	Stonemason	1
Farmer	3	Shoemaker	6
Gilder	1	Ship-caulker	2
Hostler	2	Teacher	1
Hod-carrier	3	Tailor	3
Housewife	23	Tinner	3
Laborer	19	Waiter	2
Nurse	1	Weaver	2
Merchant	1	Nothing	21

TABLE VI.

Showing the form of Mental Disease of those in the Hospital during the Year 1892.

Delirium, grave	2
Mania, acute	9
Mania, sub-acute	18
Mania, chronic	53
Mania, periodic	16
Melancholia, acute	26
Melancholia, chronic	24
Paranoia	31
Dementia, terminal	101
Dementia, senile	28
Dementia, syphilitic	10
Dementia, traumatic	7
Dementia, paretic	7
Paresis, alcoholic-pseudo	2
Imbecility	83
Idiocy	7
Folie circulaire	3
Puerperal insanity	7
Hysterical insanity	2
Confusional insanity	3
Epileptic insanity	39
Post epileptic insanity	11
Alcoholic insanity	27
Paralytic insanity	2
Climacteric insanity	2
Saturnine encephalopathy	1
Unclassified	1
Not insane	1

TABLE VII.

Showing Time of Residence of those who Died.

	White Males.	White Females.	Colored Males.	Colored Females.	Totals.
One month or less	6	....	1	....	7
Between 1 and 3 months	3	1	1	....	5
" 3 " 6 "	....	2	1	2	5
" 6 " 12 "	4	3	3	1	11
" 1 " 2 years	1	5	....	1	7
" 2 " 4 "	1	1	1	1	4
" 4 " 6 "	....	1	....	....	1
" 6 " 8 "	1	1	....	....	2
Total of deaths	16	14	7	5	42

TABLE VIII.

Showing Cause of Death of those who Died in the Institution during the Year.

Exhaustion from mania	2
Exhaustion from delirium grave	1
Exhaustion from fracture of femur	1
Status epilepticus	1
Tuberculosis	6
Cerebral hemorrhage	3
Pneumonia	3
Diarrhœa	1
Dysentery	3
Cardiac disease	4
Old age	3
Paretic dementia	3
Arterio-sclerosis	1
Chronic Bright's disease	4
Cerebral meningitis	1
Cirrhosis of liver	1
Apoplectic coma	1
Locomotor ataxia	1
Cerebral effusion	1
Suicide	1
	42

TABLE IX.

Showing the Mental Disease of those who Died during the Year.

Mania	3
Melancholia	6
Dementia senile	12
Dementia syphilitic	3
Dementia terminal	2
Epileptic insanity	5
Paretic dementia	3
Paranoia	1
Alcoholic insanity	3
Ac. confusional insanity	1
Imbecility	1
Delirium grave	1
Saturnine encephalopathy	1
	42

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